

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069293.D
 Acq On : 29 Oct 2021 11:38
 Operator : JC/MD
 Sample : VN1029WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBS01

Quant Time: Oct 30 05:39:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/01/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	257136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	444451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	405668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	168164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	188613	50.814	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.620%			
35) Dibromofluoromethane	8.021	113	141488	51.068	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.140%			
50) Toluene-d8	10.443	98	566780	51.165	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.320%			
62) 4-Bromofluorobenzene	12.731	95	199222	47.659	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	57885	19.687	ug/l	100
3) Chloromethane	2.303	50	60905	19.491	ug/l	100
4) Vinyl Chloride	2.445	62	71107	19.532	ug/l	99
5) Bromomethane	2.856	94	50441	23.331	ug/l	97
6) Chloroethane	3.019	64	46299	20.663	ug/l	97
7) Trichlorofluoromethane	3.373	101	111113	24.364	ug/l	98
8) Diethyl Ether	3.821	74	35794	22.064	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.205	101	49663	20.530	ug/l	99
10) Methyl Iodide	4.417	142	59416	18.429	ug/l	97
11) Tert butyl alcohol	5.388	59	63648	96.886	ug/l	100
12) 1,1-Dichloroethene	4.178	96	47613	20.586	ug/l	94
13) Acrolein	4.039	56	14417	88.200	ug/l	99
14) Allyl chloride	4.838	41	78250	19.125	ug/l	95
15) Acrylonitrile	5.557	53	160530	102.528	ug/l	99
16) Acetone	4.291	43	183079	115.764	ug/l	100
17) Carbon Disulfide	4.524	76	106823	17.345	ug/l	100
18) Methyl Acetate	4.859	43	109887	20.447	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	181287	19.922	ug/l	98
20) Methylene Chloride	5.095	84	57359	18.909	ug/l	92
21) trans-1,2-Dichloroethene	5.594	96	50389	19.295	ug/l	98
22) Diisopropyl ether	6.501	45	172227	18.622	ug/l	98
23) Vinyl Acetate	6.436	43	666323m	92.330	ug/l	
24) 1,1-Dichloroethane	6.385	63	98610	20.166	ug/l	99
25) 2-Butanone	7.340	43	238590	99.429	ug/l	99
26) 2,2-Dichloropropane	7.327	77	84456	18.132	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	62082	20.119	ug/l	99
28) Bromochloromethane	7.659	49	49745	20.304	ug/l	96
29) Tetrahydrofuran	7.689	42	144432	94.560	ug/l	96
30) Chloroform	7.820	83	105720	19.888	ug/l	99
31) Cyclohexane	8.094	56	94956	19.114	ug/l	95
32) 1,1,1-Trichloroethane	8.013	97	93705	18.568	ug/l	99
36) 1,1-Dichloropropene	8.222	75	76088	19.858	ug/l	99
37) Ethyl Acetate	7.418	43	85081	19.485	ug/l	99
38) Carbon Tetrachloride	8.206	117	76936	18.270	ug/l	98
39) Methylcyclohexane	9.461	83	95735	20.179	ug/l	98
40) Benzene	8.461	78	235197	20.408	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	40830	18.968	ug/l	90
42) 1,2-Dichloroethane	8.531	62	87647	20.209	ug/l	99
43) Isopropyl Acetate	8.563	43	140363	18.722	ug/l	98
44) Trichloroethene	9.217	130	57904	19.952	ug/l	99
45) 1,2-Dichloropropane	9.491	63	59432	20.255	ug/l	99
46) Dibromomethane	9.579	93	42358	20.319	ug/l	98
47) Bromodichloromethane	9.762	83	78441	18.289	ug/l	99
48) Methyl methacrylate	9.561	41	60858	18.467	ug/l	89
49) 1,4-Dioxane	9.569	88	29193	387.840	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	447389	94.351	ug/l	100
52) Toluene	10.505	92	151533	20.048	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	83662	17.819	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	90472	18.212	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	59653	19.672	ug/l	98
56) Ethyl methacrylate	10.762	69	96169	18.364	ug/l	98
57) 1,3-Dichloropropane	11.047	76	101216	20.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	127634	96.688	ug/l	99
59) 2-Hexanone	11.087	43	342330	95.432	ug/l	99
60) Dibromochloromethane	11.240	129	55795	17.498	ug/l	100
61) 1,2-Dibromoethane	11.347	107	62651	18.623	ug/l	99
64) Tetrachloroethene	10.977	164	50881	19.636	ug/l	99
65) Chlorobenzene	11.771	112	157550	19.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	56986	18.705	ug/l	99
67) Ethyl Benzene	11.846	91	292946	20.142	ug/l	99
68) m/p-Xylenes	11.953	106	219988	40.607	ug/l	100
69) o-Xylene	12.283	106	109461	20.076	ug/l	99
70) Styrene	12.296	104	173778	18.482	ug/l	99
71) Bromoform	12.460	173	37833	17.053	ug/l #	99
73) Isopropylbenzene	12.581	105	285093	20.169	ug/l	99
74) N-amyl acetate	12.390	43	106608	19.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	93006	20.612	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	82555m	18.665	ug/l	
77) Bromobenzene	12.862	156	64264	19.380	ug/l	98
78) n-propylbenzene	12.921	91	315589	19.724	ug/l	99
79) 2-Chlorotoluene	13.010	91	197752	19.624	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	235976	20.109	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	23013	18.253	ug/l #	85
82) 4-Chlorotoluene	13.106	91	188783	18.994	ug/l	99
83) tert-Butylbenzene	13.326	119	202493	19.778	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	229369	19.984	ug/l	100
85) sec-Butylbenzene	13.503	105	282556	19.919	ug/l	100
86) p-Isopropyltoluene	13.619	119	226108	19.986	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	110915	19.118	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	107587	19.144	ug/l	98
89) n-Butylbenzene	13.943	91	177330	18.509	ug/l	99
90) Hexachloroethane	14.211	117	35922	17.413	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	105449	18.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	15791	17.977	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	48314	19.298	ug/l	97
94) Hexachlorobutadiene	15.373	225	28489	20.483	ug/l	98
95) Naphthalene	15.507	128	140231	18.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	47773	19.325	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :Mahesh Dadoda 11/01/2021
Supervised By :Semsettin Yesilyurt 11/01/2021

Abundance

TIC: VN069293.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

950000
900000
850000
800000
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0

Chlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1,1-Trichloroethane, T
Methyl Iodide, T
Carbon Disulfide, T
Methyl Acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Vinyl Acetate, T
Ethyl Acetate, T
Methacrylonitrile, T
Chloroform, C
Carbon tetrachloride, T
1,1,1-Trichloroethane, S
1,2-Dichloroethane, T
Isopropyl acetate, T
1,2-Dichloroethane, S
Trichloroethene, TM
1,2-Dichloroethane, T
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
dis-1,3-Dichloropropene, T
Toluene, CM
t-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
1,3-Dichlorobenzene, T
Dibromochloromethane, T
1,2-Dibromoethane, T
Chlorobenzene, PM
Ethyl Benzene, T
Chlorobenzene-d5, I
N-propyl acetate, T
Styrene, T
o-Xylene, T
Isopropylbenzene, T
4-Bromofluorobenzene, S
1,1,2,2-Tetrachloroethane, T
Bromochlorobenzene, T
1,3,5-Trimethylbenzene, T
4-Chlorotoluene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,2,4-Trimethylbenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,2-Dichloroethane, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T