

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069303.D
 Acq On : 29 Oct 2021 16:04
 Operator : JC/MD
 Sample : VN1029WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029WBSD01

Quant Time: Oct 30 05:42:55 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	238200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	421569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	387451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	155805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	182402	53.047	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.100%			
35) Dibromofluoromethane	8.024	113	136693	52.016	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.040%			
50) Toluene-d8	10.443	98	536961	51.104	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.200%			
62) 4-Bromofluorobenzene	12.733	95	188996	47.667	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	55546	20.366	ug/l	98
3) Chloromethane	2.303	50	59296	20.511	ug/l	100
4) Vinyl Chloride	2.443	62	68487	20.279	ug/l	98
5) Bromomethane	2.853	94	47530	23.733	ug/l	97
6) Chloroethane	3.017	64	44904	21.634	ug/l	98
7) Trichlorofluoromethane	3.373	101	106043	25.101	ug/l	99
8) Diethyl Ether	3.824	74	38787	25.810	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.202	101	47146	21.039	ug/l	99
10) Methyl Iodide	4.411	142	56181	18.760	ug/l	97
11) Tert butyl alcohol	5.388	59	61753	100.839	ug/l #	86
12) 1,1-Dichloroethene	4.170	96	45601	21.284	ug/l	99
13) Acrolein	4.041	56	14208	93.831	ug/l	95
14) Allyl chloride	4.838	41	74944	19.773	ug/l	97
15) Acrylonitrile	5.559	53	154257	106.353	ug/l	98
16) Acetone	4.293	43	156983	107.155	ug/l	98
17) Carbon Disulfide	4.524	76	97676	17.121	ug/l	99
18) Methyl Acetate	4.856	43	106225	21.337	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	173618	20.596	ug/l	98
20) Methylene Chloride	5.093	84	55818	19.864	ug/l	94
21) trans-1,2-Dichloroethene	5.594	96	47650	19.696	ug/l	99
22) Diisopropyl ether	6.501	45	160304	18.707	ug/l	99
23) Vinyl Acetate	6.436	43	630961m	94.235	ug/l	
24) 1,1-Dichloroethane	6.388	63	93255	20.587	ug/l	99
25) 2-Butanone	7.343	43	219158	98.605	ug/l	95
26) 2,2-Dichloropropane	7.327	77	74597	17.327	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	58959	20.626	ug/l	98
28) Bromochloromethane	7.659	49	49298	21.721	ug/l	97
29) Tetrahydrofuran	7.689	42	134849	95.281	ug/l	94
30) Chloroform	7.820	83	101527	20.617	ug/l	99
31) Cyclohexane	8.096	56	90358	19.635	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	86259	18.457	ug/l	97
36) 1,1-Dichloropropene	8.222	75	71980	19.805	ug/l	99
37) Ethyl Acetate	7.418	43	84687	20.448	ug/l	98
38) Carbon Tetrachloride	8.206	117	71871	18.009	ug/l	99
39) Methylcyclohexane	9.459	83	89187	19.819	ug/l	98
40) Benzene	8.461	78	221145	20.230	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	43908	21.505	ug/l	99
42) 1,2-Dichloroethane	8.531	62	84273	20.485	ug/l	100
43) Isopropyl Acetate	8.566	43	134594	18.922	ug/l	100
44) Trichloroethene	9.217	130	54098	19.653	ug/l	98
45) 1,2-Dichloropropane	9.491	63	56941	20.460	ug/l	96
46) Dibromomethane	9.579	93	39978	20.218	ug/l	99
47) Bromodichloromethane	9.765	83	74161	18.233	ug/l	97
48) Methyl methacrylate	9.563	41	59168	18.929	ug/l	91
49) 1,4-Dioxane	9.571	88	28140	393.576	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	437424	97.059	ug/l	100
52) Toluene	10.507	92	144725	20.187	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	75323	17.012	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	84390	17.935	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	57532	20.003	ug/l	99
56) Ethyl methacrylate	10.762	69	92007	18.509	ug/l	98
57) 1,3-Dichloropropane	11.046	76	95885	19.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	121757	97.117	ug/l	100
59) 2-Hexanone	11.087	43	323223	95.033	ug/l	99
60) Dibromochloromethane	11.240	129	52049	17.242	ug/l	99
61) 1,2-Dibromoethane	11.350	107	59849	18.749	ug/l	99
64) Tetrachloroethene	10.979	164	48524	19.607	ug/l	98
65) Chlorobenzene	11.771	112	151412	19.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	53081	18.252	ug/l	98
67) Ethyl Benzene	11.846	91	277310	19.964	ug/l	99
68) m/p-Xylenes	11.956	106	206755	39.959	ug/l	99
69) o-Xylene	12.283	106	103002	19.779	ug/l	100
70) Styrene	12.296	104	164363	18.317	ug/l	99
71) Bromoform	12.460	173	34540	16.428	ug/l #	96
73) Isopropylbenzene	12.581	105	271219	20.709	ug/l	99
74) N-amyl acetate	12.390	43	100721	19.523	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	89962	21.518	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	79420m	19.381	ug/l	
77) Bromobenzene	12.862	156	61510	20.021	ug/l	97
78) n-propylbenzene	12.921	91	297813	20.089	ug/l	98
79) 2-Chlorotoluene	13.010	91	185440	19.862	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	223398	20.547	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	20519	17.725	ug/l #	83
82) 4-Chlorotoluene	13.106	91	177990	19.329	ug/l	100
83) tert-Butylbenzene	13.326	119	195605	20.620	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	215651	20.279	ug/l	99
85) sec-Butylbenzene	13.503	105	265408	20.194	ug/l	99
86) p-Isopropyltoluene	13.618	119	208257	19.869	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	102974	19.157	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	102156	19.618	ug/l	98
89) n-Butylbenzene	13.946	91	162581	18.316	ug/l	98
90) Hexachloroethane	14.214	117	34026	17.757	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	101624	19.406	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	15098	18.498	ug/l	99
93) 1,2,4-Trichlorobenzene	15.268	180	43637	18.875	ug/l	98
94) Hexachlorobutadiene	15.373	225	25185	19.544	ug/l	100
95) Naphthalene	15.507	128	127439	18.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	44733	19.507	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

