

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069261.D
 Acq On : 28 Oct 2021 20:10
 Operator : JC/MD
 Sample : VN1028WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Quant Time: Oct 29 07:53:36 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 10/29/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	228935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	403669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	368356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	149783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	176261	53.335	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.680%			
35) Dibromofluoromethane	8.024	113	129856	51.605	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.220%			
50) Toluene-d8	10.443	98	519073	51.592	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.731	95	180863	47.638	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	45573	17.498	ug/l	96
3) Chloromethane	2.303	50	48870	17.514	ug/l	99
4) Vinyl Chloride	2.443	62	55969	17.352	ug/l	98
5) Bromomethane	2.853	94	39149	20.339	ug/l	99
6) Chloroethane	3.014	64	36147	18.120	ug/l	100
7) Trichlorofluoromethane	3.373	101	86321	21.260	ug/l	99
8) Diethyl Ether	3.821	74	31711	21.955	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.202	101	38143	17.710	ug/l	100
10) Methyl Iodide	4.414	142	46468	16.487	ug/l	98
11) Tert butyl alcohol	5.390	59	52516	90.770	ug/l #	86
12) 1,1-Dichloroethene	4.178	96	37005	17.971	ug/l	94
13) Acrolein	4.044	56	12987	89.238	ug/l	99
14) Allyl chloride	4.835	41	61143	16.785	ug/l	96
15) Acrylonitrile	5.559	53	126621	90.832	ug/l	98
16) Acetone	4.293	43	116591	82.804	ug/l	100
17) Carbon Disulfide	4.524	76	83123	15.160	ug/l	99
18) Methyl Acetate	4.859	43	86589	18.096	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	141535	17.469	ug/l	99
20) Methylene Chloride	5.093	84	45021	16.670	ug/l	95
21) trans-1,2-Dichloroethene	5.594	96	38269	16.459	ug/l	100
22) Diisopropyl ether	6.503	45	134519	16.442	ug/l	97
23) Vinyl Acetate	6.436	43	518512m	81.529	ug/l	
24) 1,1-Dichloroethane	6.388	63	77818	17.874	ug/l	99
25) 2-Butanone	7.343	43	175272	82.326	ug/l	99
26) 2,2-Dichloropropane	7.324	77	60705	14.799	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	48442	17.633	ug/l	98
28) Bromochloromethane	7.659	49	34394	15.767	ug/l	96
29) Tetrahydrofuran	7.691	42	115611	85.311	ug/l	97
30) Chloroform	7.820	83	81395	17.198	ug/l	99
31) Cyclohexane	8.094	56	75229	17.009	ug/l #	93
32) 1,1,1-Trichloroethane	8.016	97	71695	16.080	ug/l	98
36) 1,1-Dichloropropene	8.225	75	59681	17.149	ug/l	98
37) Ethyl Acetate	7.418	43	69017	17.403	ug/l	99
38) Carbon Tetrachloride	8.204	117	58922	15.567	ug/l	97
39) Methylcyclohexane	9.461	83	71180	16.519	ug/l	97
40) Benzene	8.461	78	182629	17.447	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	34740	17.769	ug/l	98
42) 1,2-Dichloroethane	8.534	62	67655	17.175	ug/l	99
43) Isopropyl Acetate	8.566	43	109776	16.185	ug/l	98
44) Trichloroethene	9.217	130	43805	16.619	ug/l	97
45) 1,2-Dichloropropane	9.491	63	45934	17.237	ug/l	96
46) Dibromomethane	9.579	93	32339	17.080	ug/l	99
47) Bromodichloromethane	9.765	83	59043	15.346	ug/l	99
48) Methyl methacrylate	9.563	41	46587	15.565	ug/l #	83
49) 1,4-Dioxane	9.569	88	22872	339.351	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	354901	83.218	ug/l	99
52) Toluene	10.507	92	113930	16.596	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	61680	14.829	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	67545	15.242	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	47154	17.122	ug/l	96
56) Ethyl methacrylate	10.762	69	74641	15.938	ug/l	97
57) 1,3-Dichloropropane	11.047	76	78209	17.023	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	95834	83.716	ug/l	98
59) 2-Hexanone	11.087	43	260851	81.353	ug/l	100
60) Dibromochloromethane	11.240	129	41823	14.787	ug/l	99
61) 1,2-Dibromoethane	11.347	107	48150	15.886	ug/l	99
64) Tetrachloroethene	10.979	164	39377	16.736	ug/l	98
65) Chlorobenzene	11.771	112	120823	16.667	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	41951	15.235	ug/l	97
67) Ethyl Benzene	11.846	91	220677	16.710	ug/l	99
68) m/p-Xylenes	11.953	106	165916	33.728	ug/l	100
69) o-Xylene	12.283	106	82981	16.761	ug/l	97
70) Styrene	12.296	104	130403	15.527	ug/l	99
71) Bromoform	12.460	173	28222	14.522	ug/l #	100
73) Isopropylbenzene	12.581	105	215034	17.079	ug/l	99
74) N-amyl acetate	12.390	43	81136	16.359	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	71327	17.747	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	64739m	16.434	ug/l	
77) Bromobenzene	12.862	156	48920	16.563	ug/l	98
78) n-propylbenzene	12.924	91	236170	16.572	ug/l	98
79) 2-Chlorotoluene	13.010	91	148773	16.575	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	175858	16.825	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	16614	15.596	ug/l #	84
82) 4-Chlorotoluene	13.106	91	140468	15.868	ug/l	100
83) tert-Butylbenzene	13.326	119	155561	17.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	170996	16.727	ug/l	99
85) sec-Butylbenzene	13.503	105	210373	16.650	ug/l	99
86) p-Isopropyltoluene	13.619	119	165088	16.383	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	82683	16.001	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	81520	16.297	ug/l	97
89) n-Butylbenzene	13.946	91	128705	15.082	ug/l	99
90) Hexachloroethane	14.211	117	27081	15.050	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	83009	16.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	13006	16.748	ug/l	98
93) 1,2,4-Trichlorobenzene	15.268	180	36437	16.721	ug/l	98
94) Hexachlorobutadiene	15.373	225	20465	16.519	ug/l	99
95) Naphthalene	15.509	128	117682	17.990	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	37311	17.217	ug/l	99

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

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