

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069532.D
 Acq On : 17 Nov 2021 16:09
 Operator : JC/MD
 Sample : M4068-07 2.5PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Nov 18 08:17:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 08:10:30 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	941025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1572218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1372862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	485158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	748274	54.841	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.680%			
35) Dibromofluoromethane	8.024	113	495879	52.588	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.180%			
50) Toluene-d8	10.443	98	1942452	52.377	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.760%			
62) 4-Bromofluorobenzene	12.734	95	619057	45.439	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	20074	1.997	ug/l	93
3) Chloromethane	2.306	50	26869	2.305	ug/l	97
4) Vinyl Chloride	2.446	62	25524	2.186	ug/l	99
5) Bromomethane	2.853	94	16873	2.225	ug/l	99
6) Chloroethane	3.022	64	16736	2.124	ug/l	95
7) Trichlorofluoromethane	3.376	101	38020	2.107	ug/l	96
8) Diethyl Ether	3.821	74	13407	2.297	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.208	101	19999	2.353	ug/l #	81
10) Methyl Iodide	4.417	142	20894	2.004	ug/l	94
11) Tert butyl alcohol	5.377	59	23990m	9.757	ug/l	
12) 1,1-Dichloroethene	4.173	96	17683	2.318	ug/l #	91
13) Acrolein	4.044	56	6619m	17.136	ug/l	
14) Allyl chloride	4.838	41	35177	2.086	ug/l #	92
15) Acrylonitrile	5.557	53	66220	10.517	ug/l #	65
16) Acetone	4.296	43	73745	10.017	ug/l	97
17) Carbon Disulfide	4.529	76	33794	1.874	ug/l	95
18) Methyl Acetate	4.862	43	59011	2.466	ug/l #	75
19) Methyl tert-butyl Ether	5.621	73	67861	2.102	ug/l	96
20) Methylene Chloride	5.098	84	34440	3.299	ug/l	94
21) trans-1,2-Dichloroethene	5.591	96	17946	2.107	ug/l	88
22) Diisopropyl ether	6.495	45	74709	2.057	ug/l	91
23) Vinyl Acetate	6.439	43	272898m	9.714	ug/l	
24) 1,1-Dichloroethane	6.391	63	41205	2.227	ug/l	98
25) 2-Butanone	7.346	43	102500	10.283	ug/l	94
26) 2,2-Dichloropropane	7.327	77	27748	1.917	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	23914	2.265	ug/l	89
28) Bromochloromethane	7.659	49	26213	2.767	ug/l #	80
29) Tetrahydrofuran	7.694	42	64679	10.573	ug/l	91
30) Chloroform	7.818	83	42605	2.246	ug/l	96
31) Cyclohexane	8.094	56	61814	3.316	ug/l #	74
32) 1,1,1-Trichloroethane	8.013	97	31719	2.003	ug/l	94
36) 1,1-Dichloropropene	8.220	75	29288	2.214	ug/l	98
37) Ethyl Acetate	7.415	43	45447m	2.541	ug/l	
38) Carbon Tetrachloride	8.204	117	26465	2.072	ug/l	90
39) Methylcyclohexane	9.459	83	34338	2.087	ug/l	94
40) Benzene	8.461	78	92872	2.274	ug/l	100

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41) Methacrylonitrile	7.635	41	20895m	2.261	ug/l	
42) 1,2-Dichloroethane	8.534	62	39003	2.439	ug/l	90
43) Isopropyl Acetate	8.563	43	58987	2.054	ug/l	95
44) Trichloroethene	9.218	130	21844	2.235	ug/l	90
45) 1,2-Dichloropropane	9.491	63	25094	2.300	ug/l	100
46) Dibromomethane	9.582	93	15865	2.171	ug/l	90
47) Bromodichloromethane	9.762	83	27598	2.024	ug/l	92
48) Methyl methacrylate	9.561	41	25904	1.917	ug/l	93
49) 1,4-Dioxane	9.572	88	9482	39.340	ug/l #	88
51) 4-Methyl-2-Pentanone	10.333	43	192616	10.389	ug/l	94
52) Toluene	10.505	92	57682	2.267	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	23712	1.664	ug/l	95
54) cis-1,3-Dichloropropene	10.191	75	27911	1.795	ug/l #	88
55) 1,1,2-Trichloroethane	10.902	97	22639	2.208	ug/l	94
56) Ethyl methacrylate	10.762	69	32417	1.909	ug/l	89
57) 1,3-Dichloropropane	11.044	76	39326	2.182	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	36997	9.404	ug/l	92
59) 2-Hexanone	11.087	43	129529	9.374	ug/l	91
60) Dibromochloromethane	11.240	129	16548	1.724	ug/l	99
61) 1,2-Dibromoethane	11.344	107	20373	1.962	ug/l	98
64) Tetrachloroethene	10.982	164	21607	2.607	ug/l	96
65) Chlorobenzene	11.771	112	58253	2.280	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	17482	1.972	ug/l #	64
67) Ethyl Benzene	11.846	91	101747	2.159	ug/l	95
68) m/p-Xylenes	11.953	106	70180	4.049	ug/l	93
69) o-Xylene	12.280	106	35249	2.040	ug/l	94
70) Styrene	12.296	104	51778	1.865	ug/l	96
71) Bromoform	12.457	173	10575	1.672	ug/l #	99
73) Isopropylbenzene	12.581	105	88720	2.297	ug/l	100
74) N-amyl acetate	12.393	43	31605	1.931	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.827	83	33455	2.568	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	26612m	2.377	ug/l	
77) Bromobenzene	12.862	156	22318	2.526	ug/l	80
78) n-propylbenzene	12.921	91	99176	2.282	ug/l	94
79) 2-Chlorotoluene	13.010	91	64428	2.394	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	71097	2.277	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	4395m	1.317	ug/l	
82) 4-Chlorotoluene	13.106	91	59746	2.329	ug/l	91
83) tert-Butylbenzene	13.326	119	64373	2.352	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	65249	2.164	ug/l	94
85) sec-Butylbenzene	13.503	105	81881	2.142	ug/l	98
86) p-Isopropyltoluene	13.619	119	60842	2.005	ug/l	95
87) 1,3-Dichlorobenzene	13.621	146	34083	2.225	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	33329	2.218	ug/l	90
89) n-Butylbenzene	13.946	91	46867	1.852	ug/l	97
90) Hexachloroethane	14.211	117	9362	1.881	ug/l	83
91) 1,2-Dichlorobenzene	13.991	146	34571	2.372	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	3971	1.886	ug/l #	60
93) 1,2,4-Trichlorobenzene	15.265	180	9647	1.502	ug/l	95
94) Hexachlorobutadiene	15.370	225	8539	2.255	ug/l	93
95) Naphthalene	15.507	128	24962	1.450	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.700	180	10426	1.695	ug/l	98

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

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