

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070138.D
 Acq On : 16 Dec 2021 15:23
 Operator : JC/MD
 Sample : VN1216WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

Quant Time: Dec 16 15:53:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1004190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1645338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1526275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	609257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	842852	54.361	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.720%			
35) Dibromofluoromethane	8.024	113	566496	54.967	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.940%			
50) Toluene-d8	10.443	98	2266296	54.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.540%			
62) 4-Bromofluorobenzene	12.731	95	818974	54.628	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	211849	18.088	ug/l	98
3) Chloromethane	2.303	50	264419	18.020	ug/l	99
4) Vinyl Chloride	2.443	62	240076	17.794	ug/l	100
5) Bromomethane	2.845	94	135922	18.543	ug/l	98
6) Chloroethane	3.014	64	151326	18.303	ug/l	97
7) Trichlorofluoromethane	3.371	101	317667	17.939	ug/l	99
8) Diethyl Ether	3.824	74	135547	19.875	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.202	101	198937	20.041	ug/l	96
10) Methyl Iodide	4.414	142	254594	18.775	ug/l	99
11) Tert butyl alcohol	5.390	59	306655	104.633	ug/l #	91
12) 1,1-Dichloroethene	4.173	96	187098	19.560	ug/l	89
13) Acrolein	4.041	56	186157	74.588	ug/l	99
14) Allyl chloride	4.835	41	427059	19.813	ug/l #	91
15) Acrylonitrile	5.559	53	848178	107.400	ug/l	99
16) Acetone	4.291	43	1040793	111.592	ug/l	96
17) Carbon Disulfide	4.524	76	346789	14.033	ug/l	98
18) Methyl Acetate	4.859	43	589172	20.928	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	805683	21.663	ug/l	97
20) Methylene Chloride	5.093	84	242271	19.540	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	198892	19.144	ug/l	87
22) Diisopropyl ether	6.501	45	933753	22.164	ug/l	93
23) Vinyl Acetate	6.436	43	3608301	105.277	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	452959	20.756	ug/l	97
25) 2-Butanone	7.340	43	1381744	109.036	ug/l	91
26) 2,2-Dichloropropane	7.327	77	333480	19.654	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	252003	20.076	ug/l	85
28) Bromochloromethane	7.657	49	201046	17.716	ug/l #	77
29) Tetrahydrofuran	7.689	42	843522	109.620	ug/l	88
30) Chloroform	7.820	83	456221	20.700	ug/l	98
31) Cyclohexane	8.094	56	416906	19.322	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	364228	19.401	ug/l	95
36) 1,1-Dichloropropene	8.223	75	315587	20.148	ug/l	96
37) Ethyl Acetate	7.415	43	507566	21.772	ug/l	94
38) Carbon Tetrachloride	8.209	117	276860	18.025	ug/l	99
39) Methylcyclohexane	9.459	83	368300	19.768	ug/l	89
40) Benzene	8.461	78	983986	20.553	ug/l	100

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41) Methacrylonitrile	7.641	41	252554	23.078	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	406730	21.045	ug/l	96
43) Isopropyl Acetate	8.563	43	746149	21.628	ug/l #	93
44) Trichloroethene	9.217	130	226694	19.838	ug/l	89
45) 1,2-Dichloropropane	9.491	63	272555	21.200	ug/l	99
46) Dibromomethane	9.577	93	171083	20.291	ug/l	93
47) Bromodichloromethane	9.762	83	314538	19.703	ug/l	98
48) Methyl methacrylate	9.561	41	341507	21.212	ug/l	84
49) 1,4-Dioxane	9.572	88	127118	440.039	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	2574108	115.017	ug/l	95
52) Toluene	10.505	92	615173	21.047	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	331648	19.099	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	372409	19.738	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	251384	21.316	ug/l	99
56) Ethyl methacrylate	10.762	69	421008	20.337	ug/l #	88
57) 1,3-Dichloropropane	11.047	76	445629	21.460	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	509391	96.923	ug/l	91
59) 2-Hexanone	11.087	43	1899713	112.210	ug/l	94
60) Dibromochloromethane	11.240	129	206839	17.967	ug/l	98
61) 1,2-Dibromoethane	11.347	107	248415	20.337	ug/l	99
64) Tetrachloroethene	10.980	164	207023	20.004	ug/l	94
65) Chlorobenzene	11.771	112	639075	20.640	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	214989	19.727	ug/l	98
67) Ethyl Benzene	11.846	91	1207075	21.461	ug/l	96
68) m/p-Xylenes	11.953	106	865456	42.260	ug/l	91
69) o-Xylene	12.280	106	429440	20.818	ug/l	90
70) Styrene	12.296	104	689371	21.075	ug/l	96
71) Bromoform	12.457	173	145283	17.466	ug/l #	100
73) Isopropylbenzene	12.581	105	1157403	21.352	ug/l	97
74) N-amyl acetate	12.390	43	482285	20.118	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	400160	21.348	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	335737m	19.216	ug/l	
77) Bromobenzene	12.862	156	261816	20.563	ug/l	77
78) n-propylbenzene	12.921	91	1272284	21.092	ug/l	96
79) 2-Chlorotoluene	13.007	91	806694	21.165	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	940675	21.560	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	84366	18.581	ug/l #	82
82) 4-Chlorotoluene	13.106	91	747861	20.864	ug/l	92
83) tert-Butylbenzene	13.324	119	814298	21.078	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	955433	22.994	ug/l	98
85) sec-Butylbenzene	13.503	105	1107181	21.128	ug/l	97
86) p-Isopropyltoluene	13.616	119	862383	21.054	ug/l	97
87) 1,3-Dichlorobenzene	13.619	146	427179	20.422	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	416008	20.238	ug/l	96
89) n-Butylbenzene	13.943	91	698970	21.036	ug/l	99
90) Hexachloroethane	14.211	117	123311	17.147	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	422394	20.725	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	63959	18.883	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	192399	21.018	ug/l	99
94) Hexachlorobutadiene	15.370	225	119595	22.142	ug/l	98
95) Naphthalene	15.507	128	653944	24.198	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	196380	21.612	ug/l	98

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

