

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070301.D
 Acq On : 22 Dec 2021 20:17
 Operator : JC/MD
 Sample : VN1222WBSD04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBSD04

Quant Time: Dec 23 04:33:45 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 :Mahesh Dadoda 12/23/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1054751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1748354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1582618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	604201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	791171	48.582	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.160%		
35) Dibromofluoromethane	8.021	113	553115	50.507	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.020%		
50) Toluene-d8	10.440	98	2099788	47.752	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.500%		
62) 4-Bromofluorobenzene	12.731	95	754943	47.390	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	152051	12.360	ug/l	98
3) Chloromethane	2.303	50	196366	12.741	ug/l	98
4) Vinyl Chloride	2.448	62	190322	13.430	ug/l	99
5) Bromomethane	2.853	94	114173	14.829	ug/l	97
6) Chloroethane	3.017	64	121640	14.007	ug/l	99
7) Trichlorofluoromethane	3.376	101	257340	13.836	ug/l	99
8) Diethyl Ether	3.824	74	122616	17.117	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.205	101	166061	15.927	ug/l	95
10) Methyl Iodide	4.419	142	211487	14.848	ug/l	100
11) Tert butyl alcohol	5.385	59	252870	82.145	ug/l #	82
12) 1,1-Dichloroethene	4.175	96	150999	15.029	ug/l	91
13) Acrolein	4.041	56	224204	85.526	ug/l	100
14) Allyl chloride	4.840	41	372574	16.457	ug/l #	89
15) Acrylonitrile	5.556	53	722022	87.043	ug/l	99
16) Acetone	4.291	43	733063	74.830	ug/l	97
17) Carbon Disulfide	4.527	76	299151	11.525	ug/l	100
18) Methyl Acetate	4.859	43	497713	16.832	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	697948	17.866	ug/l	94
20) Methylene Chloride	5.090	84	203195	15.603	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	158538	14.528	ug/l	86
22) Diisopropyl ether	6.501	45	815364	18.426	ug/l #	93
23) Vinyl Acetate	6.434	43	3182951	88.415	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	390083	17.018	ug/l	98
25) 2-Butanone	7.337	43	1077103	80.922	ug/l	90
26) 2,2-Dichloropropane	7.327	77	300086	16.838	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	214855	16.296	ug/l	86
28) Bromochloromethane	7.659	49	199946	16.774	ug/l #	77
29) Tetrahydrofuran	7.689	42	687055	85.006	ug/l	88
30) Chloroform	7.817	83	396201	17.115	ug/l	99
31) Cyclohexane	8.094	56	341241	15.057	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	326300	16.547	ug/l	96
36) 1,1-Dichloropropene	8.222	75	258498	15.531	ug/l	96
37) Ethyl Acetate	7.415	43	404841	16.343	ug/l	95
38) Carbon Tetrachloride	8.206	117	256681	15.727	ug/l	99
39) Methylcyclohexane	9.461	83	283884	14.339	ug/l	88
40) Benzene	8.461	78	833939	16.392	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	213041	18.320	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	339659	16.539	ug/l	96
43) Isopropyl Acetate	8.563	43	651608	17.775	ug/l #	93
44) Trichloroethene	9.217	130	189468	15.604	ug/l	88
45) 1,2-Dichloropropane	9.488	63	235507	17.239	ug/l	99
46) Dibromomethane	9.577	93	147585	16.472	ug/l	94
47) Bromodichloromethane	9.762	83	294591	17.366	ug/l	99
48) Methyl methacrylate	9.561	41	288942	16.889	ug/l	87
49) 1,4-Dioxane	9.569	88	98713	321.577	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	2168342	91.178	ug/l	95
52) Toluene	10.505	92	514192	16.555	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	310610	17.165	ug/l	96
54) cis-1,3-Dichloropropene	10.188	75	338482	17.172	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	218065	17.401	ug/l	97
56) Ethyl methacrylate	10.760	69	367213	17.101	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	383069	17.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	517686	93.499	ug/l	91
59) 2-Hexanone	11.084	43	1554565	86.413	ug/l	94
60) Dibromochloromethane	11.240	129	207129	17.069	ug/l	99
61) 1,2-Dibromoethane	11.344	107	214405	16.518	ug/l	99
64) Tetrachloroethene	10.977	164	168709	15.721	ug/l	96
65) Chlorobenzene	11.771	112	548871	17.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	204639	18.109	ug/l	98
67) Ethyl Benzene	11.843	91	996749	17.091	ug/l	96
68) m/p-Xylenes	11.953	106	711772	33.519	ug/l	91
69) o-Xylene	12.280	106	359316	16.799	ug/l	91
70) Styrene	12.294	104	578319	17.051	ug/l	95
71) Bromoform	12.457	173	144936	16.907	ug/l #	100
73) Isopropylbenzene	12.578	105	957903	17.819	ug/l	98
74) N-amyl acetate	12.387	43	432888	18.209	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	350875	18.875	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	280156m	16.169	ug/l	
77) Bromobenzene	12.860	156	217826	17.251	ug/l	75
78) n-propylbenzene	12.921	91	1041579	17.412	ug/l	97
79) 2-Chlorotoluene	13.007	91	670794	17.747	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	769182	17.777	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	81040	18.125	ug/l	89
82) 4-Chlorotoluene	13.104	91	629554	17.711	ug/l	91
83) tert-Butylbenzene	13.323	119	689119	17.987	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	756122	18.350	ug/l	97
85) sec-Butylbenzene	13.501	105	920122	17.706	ug/l	98
86) p-Isopropyltoluene	13.616	119	719002	17.700	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	359000	17.306	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	344167	16.883	ug/l	96
89) n-Butylbenzene	13.943	91	557412	16.916	ug/l	97
90) Hexachloroethane	14.209	117	123290	17.287	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	361960	17.908	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	61974	18.450	ug/l	76
93) 1,2,4-Trichlorobenzene	15.263	180	168742	18.920	ug/l	98
94) Hexachlorobutadiene	15.370	225	97827	18.263	ug/l	99
95) Naphthalene	15.507	128	518820	20.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	174063	19.575	ug/l	98

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

