

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070075.D
 Acq On : 14 Dec 2021 16:52
 Operator : JC/MD
 Sample : VN1214WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 05:19:11 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	927266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1563534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1433502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	586754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	801981	56.016	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.040%			
35) Dibromofluoromethane	8.024	113	544852	55.633	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.260%			
50) Toluene-d8	10.440	98	2126557	54.077	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.160%			
62) 4-Bromofluorobenzene	12.731	95	752837	52.844	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	202171	18.693	ug/l	99
3) Chloromethane	2.303	50	269914	19.921	ug/l	98
4) Vinyl Chloride	2.445	62	243309	19.529	ug/l	99
5) Bromomethane	2.850	94	137026	20.244	ug/l	100
6) Chloroethane	3.017	64	149634	19.600	ug/l	96
7) Trichlorofluoromethane	3.373	101	305909	18.708	ug/l	97
8) Diethyl Ether	3.821	74	137688	21.863	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	187555	20.462	ug/l	96
10) Methyl Iodide	4.419	142	242624	19.376	ug/l	98
11) Tert butyl alcohol	5.388	59	256749	94.872	ug/l	96
12) 1,1-Dichloroethene	4.175	96	174768	19.787	ug/l	88
13) Acrolein	4.039	56	205926	89.353	ug/l	99
14) Allyl chloride	4.835	41	402176	20.207	ug/l #	89
15) Acrylonitrile	5.557	53	792033	108.611	ug/l	99
16) Acetone	4.291	43	806733	93.672	ug/l	96
17) Carbon Disulfide	4.524	76	367131	16.089	ug/l	98
18) Methyl Acetate	4.859	43	547809	21.073	ug/l #	89
19) Methyl tert-butyl Ether	5.621	73	724207	21.087	ug/l	95
20) Methylene Chloride	5.093	84	233149	20.364	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	194015	20.223	ug/l	87
22) Diisopropyl ether	6.498	45	881025	22.647	ug/l #	94
23) Vinyl Acetate	6.436	43	2918007	92.200	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	433694	21.522	ug/l	98
25) 2-Butanone	7.337	43	1182309	101.038	ug/l #	89
26) 2,2-Dichloropropane	7.324	77	283447	18.091	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	236977	20.445	ug/l	85
28) Bromochloromethane	7.659	49	212609	20.289	ug/l #	78
29) Tetrahydrofuran	7.689	42	775175	109.095	ug/l #	86
30) Chloroform	7.817	83	436179	21.432	ug/l	98
31) Cyclohexane	8.094	56	407390	20.447	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	351604	20.282	ug/l	96
36) 1,1-Dichloropropene	8.222	75	302963	20.354	ug/l	95
37) Ethyl Acetate	7.415	43	434895	19.631	ug/l #	95
38) Carbon Tetrachloride	8.206	117	272923	18.699	ug/l	99
39) Methylcyclohexane	9.459	83	335939	18.975	ug/l #	86
40) Benzene	8.458	78	954453	20.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	226215	21.752	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	380683	20.728	ug/l	96
43) Isopropyl Acetate	8.563	43	658968	20.101	ug/l #	94
44) Trichloroethene	9.217	130	213734	19.683	ug/l	93
45) 1,2-Dichloropropane	9.491	63	258171	21.132	ug/l	100
46) Dibromomethane	9.577	93	163316	20.383	ug/l	93
47) Bromodichloromethane	9.762	83	310747	20.484	ug/l	98
48) Methyl methacrylate	9.561	41	300831	19.663	ug/l	88
49) 1,4-Dioxane	9.571	88	110372	402.060	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2307355	108.492	ug/l	95
52) Toluene	10.505	92	574596	20.687	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	295234	18.068	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	339901	19.037	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	234463	20.921	ug/l	97
56) Ethyl methacrylate	10.762	69	369666	18.964	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	418336	21.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	392290	82.034	ug/l	90
59) 2-Hexanone	11.087	43	1648873	102.489	ug/l	92
60) Dibromochloromethane	11.237	129	200700	18.296	ug/l	99
61) 1,2-Dibromoethane	11.347	107	224979	19.382	ug/l	99
64) Tetrachloroethene	10.977	164	191321	19.683	ug/l	93
65) Chlorobenzene	11.771	112	588384	20.232	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	197646	19.309	ug/l	99
67) Ethyl Benzene	11.846	91	1092989	20.690	ug/l	95
68) m/p-Xylenes	11.953	106	798008	41.489	ug/l	92
69) o-Xylene	12.280	106	395397	20.408	ug/l	91
70) Styrene	12.294	104	630736	20.531	ug/l	95
71) Bromoform	12.457	173	135619	17.376	ug/l #	99
73) Isopropylbenzene	12.578	105	1035168	19.829	ug/l	97
74) N-amyl acetate	12.388	43	424770	18.399	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	367930	20.381	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	321312m	19.095	ug/l	
77) Bromobenzene	12.860	156	236946	19.323	ug/l	75
78) n-propylbenzene	12.921	91	1152091	19.832	ug/l	96
79) 2-Chlorotoluene	13.007	91	737168	20.083	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	833542	19.837	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	72979	17.103	ug/l #	79
82) 4-Chlorotoluene	13.104	91	678219	19.647	ug/l	93
83) tert-Butylbenzene	13.324	119	737603	19.825	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	809045	20.218	ug/l	97
85) sec-Butylbenzene	13.501	105	991257	19.642	ug/l	97
86) p-Isopropyltoluene	13.616	119	774898	19.644	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	396480	19.682	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	381874	19.290	ug/l	95
89) n-Butylbenzene	13.943	91	592594	18.519	ug/l	98
90) Hexachloroethane	14.209	117	114231	16.493	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	397269	20.240	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56724	17.389	ug/l	74
93) 1,2,4-Trichlorobenzene	15.265	180	163785	18.912	ug/l	98
94) Hexachlorobutadiene	15.367	225	103024	19.805	ug/l	99
95) Naphthalene	15.507	128	462875	18.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	165643	19.231	ug/l	99

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

