

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070975.D
 Acq On : 17 Feb 2022 13:24
 Operator : JC\MD
 Sample : VN0217WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0217WBS01

Quant Time: Feb 18 00:43:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	652805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1026045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	957966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	388813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	429816	57.638	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.280%			
35) Dibromofluoromethane	8.016	113	343947	56.358	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.720%			
50) Toluene-d8	10.439	98	1377410	56.201	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.400%			
62) 4-Bromofluorobenzene	12.727	95	458993	52.393	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	140066	20.658	ug/l	98
3) Chloromethane	2.299	50	179711	21.087	ug/l	99
4) Vinyl Chloride	2.446	62	173403	20.326	ug/l	100
5) Bromomethane	2.840	94	98267	20.276	ug/l	99
6) Chloroethane	3.010	64	107991	19.295	ug/l	98
7) Trichlorofluoromethane	3.369	101	211490	19.781	ug/l	96
8) Diethyl Ether	3.822	74	89892	19.341	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.199	101	132569	20.210	ug/l	97
10) Methyl Iodide	4.410	142	180477	19.866	ug/l	97
11) Tert butyl alcohol	5.387	59	158713	116.786	ug/l	99
12) 1,1-Dichloroethene	4.169	96	126651	19.817	ug/l	96
13) Acrolein	4.034	56	124058	102.157	ug/l	99
14) Allyl chloride	4.834	41	246342	20.211	ug/l	87
15) Acrylonitrile	5.551	53	474327	118.492	ug/l	98
16) Acetone	4.287	43	391643	95.365	ug/l	90
17) Carbon Disulfide	4.516	76	340696	18.589	ug/l	97
18) Methyl Acetate	4.857	43	216164	23.722	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	467989	20.875	ug/l	98
20) Methylene Chloride	5.087	84	153879	20.617	ug/l	93
21) trans-1,2-Dichloroethene	5.593	96	137533	20.050	ug/l	95
22) Diisopropyl ether	6.493	45	516761	22.106	ug/l	95
23) Vinyl Acetate	6.434	43	2215883	111.976	ug/l	99
24) 1,1-Dichloroethane	6.381	63	281457	21.478	ug/l	98
25) 2-Butanone	7.340	43	631987	115.680	ug/l	97
26) 2,2-Dichloropropane	7.322	77	218622	20.073	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	164271	20.836	ug/l	93
28) Bromochloromethane	7.651	49	104272	19.659	ug/l	91
29) Tetrahydrofuran	7.687	42	433327	122.437	ug/l	95
30) Chloroform	7.810	83	274473	21.295	ug/l	97
31) Cyclohexane	8.092	56	267112	20.711	ug/l	95
32) 1,1,1-Trichloroethane	8.004	97	237254	21.315	ug/l	100
36) 1,1-Dichloropropene	8.216	75	202248	20.228	ug/l	97
37) Ethyl Acetate	7.410	43	256385	23.909	ug/l	99
38) Carbon Tetrachloride	8.204	117	200469	20.349	ug/l	98
39) Methylcyclohexane	9.457	83	247993	19.275	ug/l	96
40) Benzene	8.457	78	628595	21.254	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	120790	21.388	ug/l	95
42) 1,2-Dichloroethane	8.528	62	222901	22.129	ug/l	98
43) Isopropyl Acetate	8.557	43	375553	22.219	ug/l	98
44) Trichloroethene	9.216	130	155482	19.964	ug/l	94
45) 1,2-Dichloropropane	9.486	63	164184	21.671	ug/l	96
46) Dibromomethane	9.575	93	105789	21.218	ug/l	99
47) Bromodichloromethane	9.757	83	211995	21.039	ug/l	99
48) Methyl methacrylate	9.557	41	182622	22.827	ug/l #	85
49) 1,4-Dioxane	9.569	88	74370	523.380	ug/l	90
51) 4-Methyl-2-Pentanone	10.328	43	1224253	119.048	ug/l	97
52) Toluene	10.498	92	398884	21.463	ug/l	94
53) t-1,3-Dichloropropene	10.716	75	223926	20.437	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	247401	20.561	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	154302	21.211	ug/l	96
56) Ethyl methacrylate	10.757	69	241243	22.010	ug/l #	92
57) 1,3-Dichloropropane	11.039	76	274762	21.836	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	192067	100.559	ug/l	98
59) 2-Hexanone	11.080	43	853271	120.644	ug/l	96
60) Dibromochloromethane	11.233	129	160284	20.849	ug/l	100
61) 1,2-Dibromoethane	11.345	107	158021	21.356	ug/l	99
64) Tetrachloroethene	10.975	164	144299	19.341	ug/l	97
65) Chlorobenzene	11.769	112	415022	20.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	152290	20.239	ug/l	99
67) Ethyl Benzene	11.839	91	732940	20.286	ug/l	99
68) m/p-Xylenes	11.951	106	558014	39.985	ug/l	99
69) o-Xylene	12.275	106	272288	19.973	ug/l	98
70) Styrene	12.292	104	439437	20.272	ug/l	99
71) Bromoform	12.451	173	118573	19.786	ug/l #	98
73) Isopropylbenzene	12.574	105	710346	22.698	ug/l	100
74) N-amyl acetate	12.386	43	239386	23.929	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	244572	24.592	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	183615m	20.057	ug/l	
77) Bromobenzene	12.857	156	168471	21.990	ug/l	86
78) n-propylbenzene	12.916	91	769162	21.874	ug/l	100
79) 2-Chlorotoluene	13.004	91	481739	22.560	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	571731	22.549	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	62712	22.198	ug/l	91
82) 4-Chlorotoluene	13.104	91	441703	21.309	ug/l	97
83) tert-Butylbenzene	13.321	119	506409	21.060	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	557627	22.342	ug/l	99
85) sec-Butylbenzene	13.498	105	681781	21.518	ug/l	100
86) p-Isopropyltoluene	13.610	119	551182	21.191	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	281560	20.761	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	269486	20.281	ug/l	97
89) n-Butylbenzene	13.939	91	397383	18.726	ug/l	96
90) Hexachloroethane	14.210	117	99640	21.451	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	272947	21.432	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.604	75	39348	24.420	ug/l	90
93) 1,2,4-Trichlorobenzene	15.263	180	122534	18.432	ug/l	99
94) Hexachlorobutadiene	15.368	225	79953	17.216	ug/l	98
95) Naphthalene	15.504	128	289085	19.960	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	120864	19.910	ug/l	98

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

