

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070622\
 Data File : VN073336.D
 Acq On : 06 Jul 2022 11:21
 Operator : JC\MD
 Sample : VN0706WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0706WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 04:21:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	210198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	367559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	331473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	155673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	165527	54.549	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.100%	
35) Dibromofluoromethane	7.945	113	128422	52.515	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.040%	
50) Toluene-d8	10.375	98	438012	50.431	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.668	95	174482	52.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	66417	21.612	ug/l	98
3) Chloromethane	2.269	50	57788	19.369	ug/l	98
4) Vinyl Chloride	2.404	62	50827	20.050	ug/l	95
5) Bromomethane	2.810	94	25263	21.099	ug/l	85
6) Chloroethane	2.969	64	31068	20.834	ug/l	98
7) Trichlorofluoromethane	3.310	101	89866	20.505	ug/l	97
8) Diethyl Ether	3.769	74	40069	22.459	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.146	101	53833	20.788	ug/l	97
10) Methyl Iodide	4.351	142	51419	17.539	ug/l	95
11) Tert butyl alcohol	5.287	59	85182	115.882	ug/l	99
12) 1,1-Dichloroethene	4.122	96	50479	20.400	ug/l	94
13) Acrolein	3.987	56	40188	86.497	ug/l	94
14) Allyl chloride	4.763	41	110461	21.190	ug/l #	92
15) Acrylonitrile	5.469	53	227856	120.413	ug/l	99
16) Acetone	4.222	43	203960	119.745	ug/l	92
17) Carbon Disulfide	4.457	76	123265	19.211	ug/l	96
18) Methyl Acetate	4.775	43	117214	24.557	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	202799	22.487	ug/l	98
20) Methylene Chloride	5.010	84	62316	20.818	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	53069	20.526	ug/l	92
22) Diisopropyl ether	6.410	45	223020	22.928	ug/l	96
23) Vinyl Acetate	6.351	43	1006792	115.604	ug/l #	93
24) 1,1-Dichloroethane	6.310	63	109463	21.746	ug/l	99
25) 2-Butanone	7.257	43	329445	121.485	ug/l	91
26) 2,2-Dichloropropane	7.239	77	89423	19.208	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	66622	21.278	ug/l	95
28) Bromochloromethane	7.581	49	49215	23.345	ug/l	82
29) Tetrahydrofuran	7.604	42	221087	119.067	ug/l #	86
30) Chloroform	7.745	83	111404	21.974	ug/l	100
31) Cyclohexane	8.022	56	101864	20.497	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	96001	21.248	ug/l	100
36) 1,1-Dichloropropene	8.145	75	78391	20.833	ug/l	97
37) Ethyl Acetate	7.334	43	130932	23.029	ug/l	95
38) Carbon Tetrachloride	8.133	117	77991	20.043	ug/l	96
39) Methylcyclohexane	9.392	83	96384	20.575	ug/l	95
40) Benzene	8.386	78	246381	21.217	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	49291	17.876	ug/l	96
42) 1,2-Dichloroethane	8.463	62	95082	22.588	ug/l	96
43) Isopropyl Acetate	8.492	43	192209	23.523	ug/l #	92
44) Trichloroethene	9.145	130	60853	20.592	ug/l	91
45) 1,2-Dichloropropane	9.422	63	66145	22.348	ug/l	100
46) Dibromomethane	9.510	93	43363	21.577	ug/l	92
47) Bromodichloromethane	9.698	83	85820	22.048	ug/l	100
48) Methyl methacrylate	9.492	41	84850	22.428	ug/l	89
49) 1,4-Dioxane	9.498	88	33424	465.381	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	628877	121.366	ug/l	90
52) Toluene	10.439	92	152613	21.266	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	93248	21.762	ug/l	94
54) cis-1,3-Dichloropropene	10.127	75	99749	21.563	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	65001	22.001	ug/l	98
56) Ethyl methacrylate	10.698	69	106231	22.246	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	111605	22.036	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	233951	109.851	ug/l	96
59) 2-Hexanone	11.022	43	478061	121.033	ug/l	88
60) Dibromochloromethane	11.174	129	63907	22.687	ug/l	97
61) 1,2-Dibromoethane	11.286	107	66117	22.405	ug/l	99
64) Tetrachloroethene	10.910	164	54926	20.292	ug/l	91
65) Chlorobenzene	11.710	112	156449	20.869	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	58040	21.049	ug/l	98
67) Ethyl Benzene	11.780	91	281650	20.694	ug/l	98
68) m/p-Xylenes	11.892	106	215682	41.991	ug/l	95
69) o-Xylene	12.221	106	109569	20.896	ug/l	98
70) Styrene	12.233	104	172707	21.333	ug/l	99
71) Bromoform	12.398	173	44550	22.080	ug/l #	99
73) Isopropylbenzene	12.516	105	280647	20.877	ug/l	99
74) N-amyl acetate	12.327	43	142962	21.239	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	100441	22.516	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	88896m	21.839	ug/l	
77) Bromobenzene	12.798	156	62886	20.120	ug/l	84
78) n-propylbenzene	12.857	91	320137	21.437	ug/l	97
79) 2-Chlorotoluene	12.945	91	197026	20.845	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	232629	21.231	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	29724	20.026	ug/l	87
82) 4-Chlorotoluene	13.039	91	186285	20.358	ug/l	97
83) tert-Butylbenzene	13.263	119	202678	20.632	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	231404	21.153	ug/l	98
85) sec-Butylbenzene	13.439	105	280835	21.291	ug/l	96
86) p-Isopropyltoluene	13.557	119	226547	21.261	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	116154	20.716	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	115554	20.569	ug/l	97
89) n-Butylbenzene	13.880	91	181782	20.473	ug/l	98
90) Hexachloroethane	14.145	117	40834	20.563	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	119083	20.849	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	24125	22.251	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	60461	20.329	ug/l	99
94) Hexachlorobutadiene	15.298	225	27248	20.610	ug/l	98
95) Naphthalene	15.433	128	242400	20.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	63243	20.614	ug/l	97

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

