

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071875.D
 Acq On : 06 Apr 2022 13:30
 Operator : JC\MD
 Sample : VN0406WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0406WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 04:26:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	485629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	757989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	690813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	269590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	292797	52.813	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.620%			
35) Dibromofluoromethane	8.016	113	249946	56.038	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.080%			
50) Toluene-d8	10.439	98	996316	54.604	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.200%			
62) 4-Bromofluorobenzene	12.727	95	321637	54.505	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	68485	17.739	ug/l	98
3) Chloromethane	2.299	50	86308	17.642	ug/l	100
4) Vinyl Chloride	2.440	62	88108	16.400	ug/l	99
5) Bromomethane	2.846	94	64529	18.476	ug/l	97
6) Chloroethane	3.010	64	57873	14.974	ug/l	98
7) Trichlorofluoromethane	3.375	101	125315	18.333	ug/l	95
8) Diethyl Ether	3.828	74	57986	20.073	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	81030	19.237	ug/l	99
10) Methyl Iodide	4.422	142	104582	17.761	ug/l	100
11) Tert butyl alcohol	5.357	59	93609	104.044	ug/l	98
12) 1,1-Dichloroethene	4.187	96	74146	18.498	ug/l	90
13) Acrolein	4.040	56	92970	84.748	ug/l	100
14) Allyl chloride	4.840	41	124317	19.108	ug/l	93
15) Acrylonitrile	5.551	53	294096	112.459	ug/l	97
16) Acetone	4.281	43	218150	92.073	ug/l	95
17) Carbon Disulfide	4.534	76	149758	16.283	ug/l	99
18) Methyl Acetate	4.857	43	128990	21.110	ug/l	100
19) Methyl tert-butyl Ether	5.616	73	306520	20.584	ug/l	98
20) Methylene Chloride	5.092	84	101430	20.311	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	82681	18.790	ug/l	96
22) Diisopropyl ether	6.492	45	292900	20.680	ug/l	98
23) Vinyl Acetate	6.428	43	1213379	107.731	ug/l	100
24) 1,1-Dichloroethane	6.381	63	168670	20.286	ug/l	98
25) 2-Butanone	7.328	43	361615	105.870	ug/l	98
26) 2,2-Dichloropropane	7.322	77	131322	18.385	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	108390	20.087	ug/l	98
28) Bromochloromethane	7.651	49	65792	19.615	ug/l	97
29) Tetrahydrofuran	7.681	42	240369	108.682	ug/l	99
30) Chloroform	7.816	83	180063	20.509	ug/l	98
31) Cyclohexane	8.092	56	135389	17.957	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	141234	18.804	ug/l	99
36) 1,1-Dichloropropene	8.216	75	117176	18.812	ug/l	99
37) Ethyl Acetate	7.410	43	139313	20.435	ug/l	96
38) Carbon Tetrachloride	8.204	117	116660	19.111	ug/l	99
39) Methylcyclohexane	9.457	83	137187	18.503	ug/l	98
40) Benzene	8.457	78	392488	19.947	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	73143	21.911	ug/l	96
42) 1,2-Dichloroethane	8.528	62	137500	20.201	ug/l	99
43) Isopropyl Acetate	8.557	43	220635	19.457	ug/l	98
44) Trichloroethene	9.210	130	99769	19.682	ug/l	99
45) 1,2-Dichloropropane	9.486	63	104213	21.201	ug/l	98
46) Dibromomethane	9.575	93	69179	20.728	ug/l	99
47) Bromodichloromethane	9.757	83	140515	21.389	ug/l	98
48) Methyl methacrylate	9.557	41	101998	21.681	ug/l	93
49) 1,4-Dioxane	9.563	88	48567	427.234	ug/l	96
51) 4-Methyl-2-Pentanone	10.327	43	721537	110.671	ug/l	97
52) Toluene	10.504	92	253481	20.380	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	142716	20.727	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	158895	20.886	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	109718	21.434	ug/l	98
56) Ethyl methacrylate	10.757	69	160946	22.040	ug/l	96
57) 1,3-Dichloropropane	11.039	76	183307	21.418	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	196987	98.641	ug/l	100
59) 2-Hexanone	11.080	43	510602	111.238	ug/l	97
60) Dibromochloromethane	11.233	129	111330	22.305	ug/l	99
61) 1,2-Dibromoethane	11.339	107	108894	21.611	ug/l	100
64) Tetrachloroethene	10.974	164	88688	19.442	ug/l	98
65) Chlorobenzene	11.768	112	280864	20.304	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	102659	20.567	ug/l	98
67) Ethyl Benzene	11.839	91	470133	20.077	ug/l	99
68) m/p-Xylenes	11.945	106	366254	40.707	ug/l	98
69) o-Xylene	12.274	106	181480	20.322	ug/l	98
70) Styrene	12.292	104	287566	21.253	ug/l	99
71) Bromoform	12.451	173	85039	22.372	ug/l #	98
73) Isopropylbenzene	12.574	105	459735	20.237	ug/l	100
74) N-amyl acetate	12.386	43	136447	20.963	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	168824	22.273	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	126137m	20.197	ug/l	
77) Bromobenzene	12.857	156	113387	19.910	ug/l	100
78) n-propylbenzene	12.915	91	489079	20.466	ug/l	100
79) 2-Chlorotoluene	13.004	91	318000	20.750	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	370245	20.570	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	40121	19.908	ug/l	99
82) 4-Chlorotoluene	13.098	91	289258	20.363	ug/l	100
83) tert-Butylbenzene	13.315	119	338415	20.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	367069	20.901	ug/l	99
85) sec-Butylbenzene	13.498	105	444022	20.818	ug/l	100
86) p-Isopropyltoluene	13.610	119	355889	20.927	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	185112	20.403	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	175062	19.778	ug/l	96
89) n-Butylbenzene	13.939	91	240805	19.091	ug/l	99
90) Hexachloroethane	14.204	117	64505	20.720	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	184094	20.668	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	25547	21.729	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	78986	19.727	ug/l	98
94) Hexachlorobutadiene	15.362	225	50887	19.371	ug/l	99
95) Naphthalene	15.504	128	211073	19.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	79596	20.640	ug/l	100

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

