

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
 Data File : VN071898.D
 Acq On : 07 Apr 2022 12:26
 Operator : JC\MD
 Sample : VN0407WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

Quant Time: Apr 08 01:12:36 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	497535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	772483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	681250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	261102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	299525	52.734	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.460%			
35) Dibromofluoromethane	8.016	113	257259	56.595	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.180%			
50) Toluene-d8	10.439	98	1028607	55.316	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.640%			
62) 4-Bromofluorobenzene	12.727	95	318157	52.903	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	62046	15.686	ug/l	99
3) Chloromethane	2.299	50	74876	14.939	ug/l	95
4) Vinyl Chloride	2.440	62	81905	14.880	ug/l	98
5) Bromomethane	2.846	94	58782	16.428	ug/l	98
6) Chloroethane	3.010	64	62996m	15.909	ug/l	
7) Trichlorofluoromethane	3.375	101	116447	16.628	ug/l	98
8) Diethyl Ether	3.822	74	52494	17.737	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	74559	17.277	ug/l	97
10) Methyl Iodide	4.422	142	94920	15.735	ug/l	98
11) Tert butyl alcohol	5.363	59	84590	91.770	ug/l	99
12) 1,1-Dichloroethene	4.181	96	68628	16.711	ug/l	92
13) Acrolein	4.046	56	77914	69.324	ug/l	98
14) Allyl chloride	4.846	41	110669	16.603	ug/l	94
15) Acrylonitrile	5.557	53	263458	98.333	ug/l	100
16) Acetone	4.287	43	198129	81.622	ug/l	93
17) Carbon Disulfide	4.534	76	134549	14.280	ug/l	99
18) Methyl Acetate	4.851	43	114559	18.092	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	277799	18.209	ug/l	97
20) Methylene Chloride	5.093	84	92641	18.107	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	73515	16.307	ug/l	93
22) Diisopropyl ether	6.492	45	266042	18.334	ug/l	96
23) Vinyl Acetate	6.428	43	1069187	92.657	ug/l	97
24) 1,1-Dichloroethane	6.387	63	158134	18.563	ug/l	98
25) 2-Butanone	7.334	43	321341	91.827	ug/l	94
26) 2,2-Dichloropropane	7.322	77	125380	17.133	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	98952	17.899	ug/l	96
28) Bromochloromethane	7.651	49	63888	18.592	ug/l	95
29) Tetrahydrofuran	7.681	42	218014	96.215	ug/l	98
30) Chloroform	7.816	83	163002	18.122	ug/l	99
31) Cyclohexane	8.092	56	125573	16.257	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	133818	17.390	ug/l	98
36) 1,1-Dichloropropene	8.216	75	109053	17.180	ug/l	98
37) Ethyl Acetate	7.410	43	133513	19.216	ug/l	99
38) Carbon Tetrachloride	8.204	117	113236	18.202	ug/l	100
39) Methylcyclohexane	9.457	83	123066	16.287	ug/l	97
40) Benzene	8.457	78	361163	18.011	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	63381	18.631	ug/l	95
42) 1,2-Dichloroethane	8.528	62	120395	17.357	ug/l	96
43) Isopropyl Acetate	8.557	43	213871	18.507	ug/l	98
44) Trichloroethene	9.216	130	91304	17.674	ug/l	99
45) 1,2-Dichloropropane	9.486	63	95754	19.115	ug/l	99
46) Dibromomethane	9.575	93	62256	18.304	ug/l	98
47) Bromodichloromethane	9.757	83	126560	18.903	ug/l	99
48) Methyl methacrylate	9.557	41	88441	18.446	ug/l	93
49) 1,4-Dioxane	9.563	88	43143	370.601	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	638954	96.166	ug/l	96
52) Toluene	10.504	92	234013	18.462	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	125721	17.917	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	142584	18.390	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	100850	19.332	ug/l	99
56) Ethyl methacrylate	10.757	69	142691	19.173	ug/l	91
57) 1,3-Dichloropropane	11.039	76	164330	18.840	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	170949	86.516	ug/l	100
59) 2-Hexanone	11.080	43	450330	96.267	ug/l	96
60) Dibromochloromethane	11.233	129	102008	20.054	ug/l	98
61) 1,2-Dibromoethane	11.345	107	95820	18.660	ug/l	97
64) Tetrachloroethene	10.975	164	79964	17.776	ug/l	97
65) Chlorobenzene	11.769	112	251645	18.448	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	94679	19.235	ug/l	99
67) Ethyl Benzene	11.839	91	417303	18.071	ug/l	97
68) m/p-Xylenes	11.951	106	325176	36.649	ug/l	99
69) o-Xylene	12.274	106	159257	18.084	ug/l	98
70) Styrene	12.292	104	253164	18.973	ug/l	99
71) Bromoform	12.451	173	75826	20.229	ug/l #	100
73) Isopropylbenzene	12.574	105	412834	18.763	ug/l	100
74) N-amyl acetate	12.386	43	115849	18.377	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	153713	20.938	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	127765m	21.123	ug/l	
77) Bromobenzene	12.857	156	102095	18.510	ug/l	100
78) n-propylbenzene	12.916	91	430740	18.611	ug/l	99
79) 2-Chlorotoluene	13.004	91	281966	18.997	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	341343	19.581	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	37490	19.208	ug/l	98
82) 4-Chlorotoluene	13.104	91	256732	18.660	ug/l	100
83) tert-Butylbenzene	13.321	119	305294	19.158	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	329839	19.392	ug/l	100
85) sec-Butylbenzene	13.498	105	393053	19.027	ug/l	100
86) p-Isopropyltoluene	13.610	119	317452	19.274	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	163324	18.587	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	154734	18.049	ug/l	97
89) n-Butylbenzene	13.939	91	211816	17.339	ug/l	99
90) Hexachloroethane	14.204	117	59958	19.886	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	165662	19.204	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	23077	20.266	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	68112	17.793	ug/l	100
94) Hexachlorobutadiene	15.362	225	47514	18.675	ug/l	98
95) Naphthalene	15.504	128	170389	17.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	67319	18.330	ug/l	99

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

