

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071918.D
 Acq On : 08 Apr 2022 16:44
 Operator : JC\MD
 Sample : VN0408WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 09 05:06:08 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	500496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	758798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	700000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	271939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	278147	48.680	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.360%			
35) Dibromofluoromethane	8.016	113	236605	52.990	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.980%			
50) Toluene-d8	10.439	98	958589	52.480	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.960%			
62) 4-Bromofluorobenzene	12.727	95	304689	51.578	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	63895	16.058	ug/l	97
3) Chloromethane	2.299	50	79931	15.853	ug/l	95
4) Vinyl Chloride	2.446	62	81730	14.761	ug/l	91
5) Bromomethane	2.840	94	50764	14.103	ug/l	97
6) Chloroethane	3.010	64	58454	14.675	ug/l	100
7) Trichlorofluoromethane	3.375	101	117677	16.704	ug/l	95
8) Diethyl Ether	3.828	74	56669	19.034	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	78691	18.127	ug/l	97
10) Methyl Iodide	4.422	142	75863	12.501	ug/l	98
11) Tert butyl alcohol	5.363	59	88953	95.932	ug/l	99
12) 1,1-Dichloroethene	4.187	96	69435	16.808	ug/l	94
13) Acrolein	4.040	56	97490	86.229	ug/l	96
14) Allyl chloride	4.840	41	114759	17.115	ug/l	94
15) Acrylonitrile	5.551	53	270918	100.519	ug/l	99
16) Acetone	4.281	43	201982	82.717	ug/l	97
17) Carbon Disulfide	4.534	76	138824	14.646	ug/l	100
18) Methyl Acetate	4.851	43	119532	18.824	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	298454	19.447	ug/l	95
20) Methylene Chloride	5.093	84	94916	18.442	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	76352	16.836	ug/l	97
22) Diisopropyl ether	6.492	45	278574	19.084	ug/l	99
23) Vinyl Acetate	6.428	43	1144258	98.576	ug/l	100
24) 1,1-Dichloroethane	6.381	63	160540	18.734	ug/l	98
25) 2-Butanone	7.328	43	334645	95.063	ug/l	96
26) 2,2-Dichloropropane	7.322	77	126742	17.217	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	102330	18.401	ug/l	99
28) Bromochloromethane	7.651	49	69292	20.045	ug/l	96
29) Tetrahydrofuran	7.681	42	217439	95.394	ug/l	96
30) Chloroform	7.816	83	171078	18.907	ug/l	97
31) Cyclohexane	8.092	56	128413	16.526	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	139242	17.988	ug/l	97
36) 1,1-Dichloropropene	8.216	75	111056	17.811	ug/l	99
37) Ethyl Acetate	7.410	43	132788	19.457	ug/l	99
38) Carbon Tetrachloride	8.204	117	112386	18.391	ug/l	96
39) Methylcyclohexane	9.457	83	127761	17.213	ug/l	95
40) Benzene	8.457	78	372799	18.927	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	71042	21.259	ug/l #	90
42) 1,2-Dichloroethane	8.522	62	131027	19.230	ug/l	98
43) Isopropyl Acetate	8.557	43	206097	18.156	ug/l	97
44) Trichloroethene	9.210	130	96615	19.039	ug/l	97
45) 1,2-Dichloropropane	9.486	63	98760	20.070	ug/l	96
46) Dibromomethane	9.569	93	66480	19.898	ug/l	97
47) Bromodichloromethane	9.757	83	134080	20.387	ug/l	94
48) Methyl methacrylate	9.557	41	93928	19.944	ug/l	92
49) 1,4-Dioxane	9.563	88	43870	384.136	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	684831	104.929	ug/l	97
52) Toluene	10.504	92	244208	19.613	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	138832	20.142	ug/l	93
54) cis-1,3-Dichloropropene	10.186	75	153092	20.102	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	107906	21.057	ug/l	98
56) Ethyl methacrylate	10.757	69	157644	21.565	ug/l	92
57) 1,3-Dichloropropane	11.039	76	176242	20.570	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	212456	104.961	ug/l	100
59) 2-Hexanone	11.080	43	479830	104.423	ug/l	96
60) Dibromochloromethane	11.233	129	106830	21.381	ug/l	99
61) 1,2-Dibromoethane	11.345	107	104227	20.663	ug/l	99
64) Tetrachloroethene	10.974	164	88789	19.209	ug/l	97
65) Chlorobenzene	11.763	112	267026	19.051	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	100862	19.942	ug/l	99
67) Ethyl Benzene	11.839	91	450739	18.996	ug/l	100
68) m/p-Xylenes	11.951	106	348418	38.217	ug/l	100
69) o-Xylene	12.280	106	175683	19.414	ug/l	97
70) Styrene	12.292	104	275133	20.067	ug/l	99
71) Bromoform	12.451	173	82797	21.497	ug/l #	97
73) Isopropylbenzene	12.574	105	450559	19.662	ug/l	99
74) N-amyl acetate	12.386	43	129965	19.794	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	162575	21.263	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	136453m	21.660	ug/l	
77) Bromobenzene	12.857	156	110127	19.171	ug/l	99
78) n-propylbenzene	12.916	91	469686	19.485	ug/l	100
79) 2-Chlorotoluene	13.004	91	303299	19.620	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	364604	20.081	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	38269	18.825	ug/l	95
82) 4-Chlorotoluene	13.104	91	273695	19.101	ug/l	99
83) tert-Butylbenzene	13.316	119	327913	19.758	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	350797	19.802	ug/l	100
85) sec-Butylbenzene	13.498	105	428434	19.914	ug/l	99
86) p-Isopropyltoluene	13.610	119	347398	20.251	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	175823	19.212	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	172799	19.353	ug/l	98
89) n-Butylbenzene	13.939	91	236646	18.599	ug/l	99
90) Hexachloroethane	14.204	117	58912	18.760	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	180611	20.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	24072	20.297	ug/l	95
93) 1,2,4-Trichlorobenzene	15.257	180	78519	19.472	ug/l	98
94) Hexachlorobutadiene	15.368	225	50741	19.148	ug/l	98
95) Naphthalene	15.504	128	213310	19.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	82143	21.061	ug/l	98

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

