

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071871.D
 Acq On : 06 Apr 2022 10:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 04:24:55 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	8.080	168	533020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	812000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	743311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	310192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	283558	46.599	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.200%		
35) Dibromofluoromethane	8.016	113	246172	51.520	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.040%		
50) Toluene-d8	10.439	98	995110	50.910	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.820%		
62) 4-Bromofluorobenzene	12.727	95	334260	52.876	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	191066	45.089	ug/l	99
3) Chloromethane	2.298	50	218866	40.759	ug/l	98
4) Vinyl Chloride	2.446	62	245626	41.654	ug/l	98
5) Bromomethane	2.834	94	155585	40.588	ug/l	99
6) Chloroethane	3.004	64	162512	38.309	ug/l	100
7) Trichlorofluoromethane	3.369	101	341359	45.500	ug/l	100
8) Diethyl Ether	3.822	74	154478	48.721	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	222072	48.033	ug/l	98
10) Methyl Iodide	4.416	142	291215	45.060	ug/l	99
11) Tert butyl alcohol	5.363	59	232933	235.881	ug/l	98
12) 1,1-Dichloroethene	4.181	96	203962	46.360	ug/l	94
13) Acrolein	4.040	56	289469	240.410	ug/l	96
14) Allyl chloride	4.839	41	328725	46.034	ug/l	93
15) Acrylonitrile	5.545	53	734689	255.959	ug/l	99
16) Acetone	4.281	43	539936	207.625	ug/l	94
17) Carbon Disulfide	4.528	76	419552	41.562	ug/l	99
18) Methyl Acetate	4.851	43	309011	47.922	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	789143	48.282	ug/l	98
20) Methylene Chloride	5.092	84	258278	47.120	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	221739	45.911	ug/l	96
22) Diisopropyl ether	6.486	45	771045	49.599	ug/l	99
23) Vinyl Acetate	6.428	43	3150742	254.869	ug/l	99
24) 1,1-Dichloroethane	6.386	63	442119	48.445	ug/l	99
25) 2-Butanone	7.328	43	908370	242.298	ug/l	96
26) 2,2-Dichloropropane	7.322	77	356013	45.411	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	286380	48.354	ug/l	98
28) Bromochloromethane	7.651	49	175525	47.679	ug/l	99
29) Tetrahydrofuran	7.680	42	599935	247.140	ug/l	98
30) Chloroform	7.816	83	465209	48.276	ug/l	100
31) Cyclohexane	8.092	56	358714	43.348	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	383058	46.466	ug/l	98
36) 1,1-Dichloropropene	8.216	75	321632	48.203	ug/l	99
37) Ethyl Acetate	7.410	43	359244	49.189	ug/l	97
38) Carbon Tetrachloride	8.204	117	322488	49.314	ug/l	99
39) Methylcyclohexane	9.457	83	391789	49.327	ug/l	99
40) Benzene	8.457	78	1045856	49.618	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	196163	54.856	ug/l	91
42) 1,2-Dichloroethane	8.527	62	345606	47.399	ug/l	98
43) Isopropyl Acetate	8.557	43	565313	46.537	ug/l	98
44) Trichloroethene	9.210	130	266751	49.122	ug/l	95
45) 1,2-Dichloropropane	9.486	63	271102	51.484	ug/l	100
46) Dibromomethane	9.574	93	178205	49.844	ug/l	98
47) Bromodichloromethane	9.757	83	368826	52.407	ug/l	97
48) Methyl methacrylate	9.557	41	243027	48.221	ug/l	90
49) 1,4-Dioxane	9.563	88	121472	1016.182	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	1850716	264.986	ug/l	97
52) Toluene	10.504	92	677899	50.878	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	383446	51.986	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	427004	52.394	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	282603	51.536	ug/l	99
56) Ethyl methacrylate	10.757	69	435302	55.645	ug/l	93
57) 1,3-Dichloropropane	11.039	76	466132	50.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	520920	218.584	ug/l	99
59) 2-Hexanone	11.080	43	1307524	265.906	ug/l	96
60) Dibromochloromethane	11.233	129	293476	54.887	ug/l	99
61) 1,2-Dibromoethane	11.339	107	278816	51.653	ug/l	98
64) Tetrachloroethene	10.974	164	231749	47.215	ug/l	98
65) Chlorobenzene	11.768	112	750705	50.438	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	275374	51.273	ug/l	99
67) Ethyl Benzene	11.839	91	1311245	52.041	ug/l	99
68) m/p-Xylenes	11.951	106	1007946	104.116	ug/l	100
69) o-Xylene	12.274	106	500108	52.046	ug/l	99
70) Styrene	12.292	104	809271	55.586	ug/l	99
71) Bromoform	12.451	173	227628	55.656	ug/l #	100
73) Isopropylbenzene	12.574	105	1300799	49.765	ug/l	100
74) N-amyl acetate	12.380	43	372723	49.767	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	424399	48.661	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	364378m	50.708	ug/l	
77) Bromobenzene	12.857	156	308849	47.133	ug/l	99
78) n-propylbenzene	12.915	91	1424475	51.807	ug/l	100
79) 2-Chlorotoluene	13.004	91	865940	49.108	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1051931	50.793	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	121014	52.189	ug/l	97
82) 4-Chlorotoluene	13.098	91	824012	50.414	ug/l	99
83) tert-Butylbenzene	13.321	119	950883	50.228	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1028766	50.911	ug/l	99
85) sec-Butylbenzene	13.498	105	1289649	52.550	ug/l	100
86) p-Isopropyltoluene	13.609	119	1046364	53.474	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	515490	49.380	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	500546	49.148	ug/l	99
89) n-Butylbenzene	13.939	91	765818	52.767	ug/l	100
90) Hexachloroethane	14.204	117	188752	52.695	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	501414	48.926	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	69102	51.081	ug/l	98
93) 1,2,4-Trichlorobenzene	15.256	180	235632	47.826	ug/l	99
94) Hexachlorobutadiene	15.362	225	146963	48.621	ug/l	97
95) Naphthalene	15.503	128	650500	46.352	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	238409	49.860	ug/l	99

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

