

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040622\
 Data File : VN071893.D
 Acq On : 06 Apr 2022 20:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 04:31:18 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	8.086	168	558751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	882119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	797296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	317990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	296498	46.482	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.960%		
35) Dibromofluoromethane	8.016	113	256181	49.353	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.700%		
50) Toluene-d8	10.439	98	1043191	49.128	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.260%		
62) 4-Bromofluorobenzene	12.727	95	332628	48.435	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	181089	40.766	ug/l	98
3) Chloromethane	2.299	50	221538	39.357	ug/l	100
4) Vinyl Chloride	2.440	62	238864	38.642	ug/l	98
5) Bromomethane	2.834	94	151034	37.586	ug/l	97
6) Chloroethane	3.004	64	159989	35.977	ug/l	99
7) Trichlorofluoromethane	3.369	101	335233	42.625	ug/l	100
8) Diethyl Ether	3.828	74	157515	47.391	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	213295	44.010	ug/l	98
10) Methyl Iodide	4.422	142	297171	43.864	ug/l	100
11) Tert butyl alcohol	5.363	59	280366	270.840	ug/l	99
12) 1,1-Dichloroethene	4.187	96	201270	43.641	ug/l	92
13) Acrolein	4.040	56	283481	224.595	ug/l	98
14) Allyl chloride	4.840	41	334074	44.629	ug/l	94
15) Acrylonitrile	5.545	53	804633	267.417	ug/l	99
16) Acetone	4.281	43	598255	219.457	ug/l	93
17) Carbon Disulfide	4.528	76	403667	38.147	ug/l	100
18) Methyl Acetate	4.851	43	334163	49.486	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	828138	48.334	ug/l	100
20) Methylene Chloride	5.093	84	265570	46.219	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	221438	43.737	ug/l	95
22) Diisopropyl ether	6.492	45	784547	48.143	ug/l	96
23) Vinyl Acetate	6.428	43	3289320	253.825	ug/l	99
24) 1,1-Dichloroethane	6.387	63	451104	47.154	ug/l	98
25) 2-Butanone	7.328	43	993250	252.738	ug/l	97
26) 2,2-Dichloropropane	7.322	77	324794	39.521	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	289648	46.653	ug/l	96
28) Bromochloromethane	7.651	49	179058	46.398	ug/l	100
29) Tetrahydrofuran	7.681	42	657949	258.557	ug/l	98
30) Chloroform	7.816	83	465154	46.048	ug/l	99
31) Cyclohexane	8.092	56	350154	40.365	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	392521	45.421	ug/l	98
36) 1,1-Dichloropropene	8.216	75	317200	43.760	ug/l	99
37) Ethyl Acetate	7.410	43	395427	49.840	ug/l	98
38) Carbon Tetrachloride	8.204	117	321574	45.266	ug/l	99
39) Methylcyclohexane	9.457	83	374525	43.405	ug/l	98
40) Benzene	8.457	78	1053769	46.019	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	203796	52.460	ug/l	93
42) 1,2-Dichloroethane	8.528	62	346509	43.745	ug/l	97
43) Isopropyl Acetate	8.557	43	645892	48.944	ug/l	98
44) Trichloroethene	9.216	130	267749	45.387	ug/l	96
45) 1,2-Dichloropropane	9.486	63	275944	48.238	ug/l	99
46) Dibromomethane	9.575	93	181525	46.737	ug/l	98
47) Bromodichloromethane	9.757	83	375931	49.170	ug/l	98
48) Methyl methacrylate	9.557	41	284340	51.934	ug/l	93
49) 1,4-Dioxane	9.563	88	139336	1073.753	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	2009864	264.898	ug/l	97
52) Toluene	10.504	92	687823	47.519	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	395594	49.370	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	432100	48.805	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	290363	48.742	ug/l	98
56) Ethyl methacrylate	10.757	69	456770	53.748	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	483479	48.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	574878	221.781	ug/l	100
59) 2-Hexanone	11.080	43	1446863	270.854	ug/l	95
60) Dibromochloromethane	11.233	129	307213	52.889	ug/l	98
61) 1,2-Dibromoethane	11.339	107	288445	49.189	ug/l	100
64) Tetrachloroethene	10.975	164	226071	42.940	ug/l	96
65) Chlorobenzene	11.769	112	751445	47.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	283354	49.187	ug/l	99
67) Ethyl Benzene	11.839	91	1301219	48.147	ug/l	99
68) m/p-Xylenes	11.951	106	983063	94.670	ug/l	99
69) o-Xylene	12.274	106	501777	48.684	ug/l	98
70) Styrene	12.292	104	806923	51.671	ug/l	99
71) Bromoform	12.451	173	237354	54.104	ug/l	100
73) Isopropylbenzene	12.574	105	1288325	48.079	ug/l	100
74) N-amyl acetate	12.386	43	403976	52.617	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	442658	49.510	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	332590m	45.149	ug/l	
77) Bromobenzene	12.857	156	308654	45.949	ug/l	100
78) n-propylbenzene	12.916	91	1379302	48.934	ug/l	100
79) 2-Chlorotoluene	13.004	91	850906	47.072	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1037279	48.857	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	125326	52.723	ug/l	95
82) 4-Chlorotoluene	13.098	91	786166	46.919	ug/l	99
83) tert-Butylbenzene	13.321	119	941870	48.532	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1025948	49.527	ug/l	100
85) sec-Butylbenzene	13.498	105	1252394	49.781	ug/l	100
86) p-Isopropyltoluene	13.610	119	1018424	50.770	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	499725	46.696	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	488770	46.814	ug/l	100
89) n-Butylbenzene	13.939	91	735828	49.458	ug/l	100
90) Hexachloroethane	14.204	117	192972	52.552	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	496547	47.263	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74310	53.584	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	231594	45.939	ug/l	99
94) Hexachlorobutadiene	15.362	225	133676	43.141	ug/l	98
95) Naphthalene	15.504	128	712497	49.265	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	237862	48.591	ug/l	99

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

