

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071457.D
 Acq On : 22 Mar 2022 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 23 07:05:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	540989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	877122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	804172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	350637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	352618	47.558	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.120%		
35) Dibromofluoromethane	8.016	113	266049	48.067	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.140%		
50) Toluene-d8	10.439	98	1043877	46.841	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.680%		
62) 4-Bromofluorobenzene	12.727	95	382873	50.736	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	276500	46.634	ug/l	99
3) Chloromethane	2.299	50	382428	48.043	ug/l	99
4) Vinyl Chloride	2.440	62	373095	51.347	ug/l	99
5) Bromomethane	2.822	94	182708	57.167	ug/l	94
6) Chloroethane	2.998	64	223010	50.680	ug/l	99
7) Trichlorofluoromethane	3.363	101	500517	52.335	ug/l	97
8) Diethyl Ether	3.822	74	223559	54.626	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	297924	53.811	ug/l	95
10) Methyl Iodide	4.416	142	385356	49.280	ug/l	100
11) Tert butyl alcohol	5.363	59	371114	254.791	ug/l	98
12) 1,1-Dichloroethene	4.181	96	278393	51.330	ug/l	94
13) Acrolein	4.034	56	316782	205.479	ug/l	100
14) Allyl chloride	4.840	41	627078	53.159	ug/l	87
15) Acrylonitrile	5.545	53	1150310	265.972	ug/l	99
16) Acetone	4.275	43	1074216	297.762	ug/l	98
17) Carbon Disulfide	4.528	76	676865	43.837	ug/l	98
18) Methyl Acetate	4.845	43	547659	56.463	ug/l	96
19) Methyl tert-butyl Ether	5.604	73	1166978	57.308	ug/l	94
20) Methylene Chloride	5.087	84	349609	53.000	ug/l	88
21) trans-1,2-Dichloroethene	5.592	96	298086	50.247	ug/l	89
22) Diisopropyl ether	6.486	45	1314546	56.565	ug/l	92
23) Vinyl Acetate	6.428	43	5663140	287.846	ug/l	98
24) 1,1-Dichloroethane	6.381	63	671233	54.660	ug/l	99
25) 2-Butanone	7.328	43	1646005	283.233	ug/l	95
26) 2,2-Dichloropropane	7.322	77	552030	58.269	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	377767	53.654	ug/l	88
28) Bromochloromethane	7.651	49	251888	46.061	ug/l	83
29) Tetrahydrofuran	7.681	42	1052384	261.393	ug/l	91
30) Chloroform	7.810	83	644150	54.997	ug/l	100
31) Cyclohexane	8.092	56	589919	49.823	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	546922	54.819	ug/l	97
36) 1,1-Dichloropropene	8.216	75	469871	52.984	ug/l	96
37) Ethyl Acetate	7.404	43	615391	50.422	ug/l	98
38) Carbon Tetrachloride	8.198	117	462800	53.953	ug/l	99
39) Methylcyclohexane	9.457	83	570047	54.641	ug/l	92
40) Benzene	8.457	78	1435720	53.734	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	321452	53.819	ug/l	91
42) 1,2-Dichloroethane	8.522	62	523360	56.288	ug/l	99
43) Isopropyl Acetate	8.551	43	1029869	56.427	ug/l	95
44) Trichloroethene	9.210	130	343088	54.421	ug/l	94
45) 1,2-Dichloropropane	9.486	63	398450	55.552	ug/l	97
46) Dibromomethane	9.574	93	243973	55.264	ug/l	95
47) Bromodichloromethane	9.757	83	502328	56.305	ug/l	99
48) Methyl methacrylate	9.557	41	489901	57.922	ug/l #	83
49) 1,4-Dioxane	9.563	88	158350	1077.083	ug/l	87
51) 4-Methyl-2-Pentanone	10.327	43	3227540	284.947	ug/l	100
52) Toluene	10.498	92	908594	55.223	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	569632	57.921	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	615093	57.241	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	366338	55.565	ug/l	98
56) Ethyl methacrylate	10.757	69	627329	58.265	ug/l	91
57) 1,3-Dichloropropane	11.039	76	660875	55.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	657939	286.307	ug/l	94
59) 2-Hexanone	11.080	43	2335513	302.199	ug/l	100
60) Dibromochloromethane	11.233	129	378104	57.719	ug/l	100
61) 1,2-Dibromoethane	11.339	107	366120	54.335	ug/l	99
64) Tetrachloroethene	10.969	164	291948	52.054	ug/l	95
65) Chlorobenzene	11.763	112	957507	55.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	358825	56.664	ug/l	99
67) Ethyl Benzene	11.839	91	1762131	57.707	ug/l	98
68) m/p-Xylenes	11.951	106	1320446	118.205	ug/l	97
69) o-Xylene	12.274	106	660810	59.014	ug/l	97
70) Styrene	12.292	104	1087920	62.765	ug/l	97
71) Bromoform	12.451	173	285930	59.457	ug/l #	99
73) Isopropylbenzene	12.574	105	1711034	50.621	ug/l	99
74) N-amyl acetate	12.380	43	714283	56.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	570405	57.155	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	435805m	51.358	ug/l	
77) Bromobenzene	12.857	156	397412	50.421	ug/l	81
78) n-propylbenzene	12.915	91	1962282	54.101	ug/l	97
79) 2-Chlorotoluene	13.004	91	1193975	51.281	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1383321	52.604	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	182022	56.116	ug/l	92
82) 4-Chlorotoluene	13.098	91	1139506	54.945	ug/l	93
83) tert-Butylbenzene	13.315	119	1264630	53.887	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1361806	54.065	ug/l	100
85) sec-Butylbenzene	13.498	105	1721768	55.197	ug/l	99
86) p-Isopropyltoluene	13.610	119	1404619	57.258	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	680524	53.138	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	655189	52.337	ug/l	98
89) n-Butylbenzene	13.939	91	1095819	57.112	ug/l	96
90) Hexachloroethane	14.204	117	260374	53.373	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	654912	53.191	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	105056	53.418	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	309715	53.664	ug/l	98
94) Hexachlorobutadiene	15.362	225	185106	53.554	ug/l	99
95) Naphthalene	15.498	128	899434	55.352	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	308930	55.785	ug/l	98

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

