

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074105.D
 Acq On : 24 Aug 2022 20:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/25/2022
 Supervised By : Mahesh Dadoda 08/25/2022

Quant Time: Aug 25 07:56:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	422639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	675887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	616921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	316216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	246104	59.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.560%			
35) Dibromofluoromethane	7.951	113	224827	56.247	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.500%			
50) Toluene-d8	10.381	98	793221	51.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.669	95	279810	54.462	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	189176	56.450	ug/l	97
3) Chloromethane	2.269	50	186480	50.040	ug/l	96
4) Vinyl Chloride	2.405	62	249086	52.066	ug/l	99
5) Bromomethane	2.781	94	141763	47.452	ug/l	96
6) Chloroethane	2.952	64	171010	50.599	ug/l	97
7) Trichlorofluoromethane	3.310	101	343947	55.732	ug/l	99
8) Diethyl Ether	3.763	74	135971	59.353	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	180531	50.357	ug/l	96
10) Methyl Iodide	4.346	142	137834	32.024	ug/l	97
11) Tert butyl alcohol	5.299	59	302918	328.975	ug/l	100
12) 1,1-Dichloroethene	4.104	96	184875	55.425	ug/l	87
13) Acrolein	3.975	56	145099	225.128	ug/l	99
14) Allyl chloride	4.757	41	309056	62.561	ug/l	93
15) Acrylonitrile	5.475	53	811487	360.975	ug/l	100
16) Acetone	4.222	43	669553	344.756	ug/l	98
17) Carbon Disulfide	4.452	76	467314	58.921	ug/l	99
18) Methyl Acetate	4.775	43	349259	73.132	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	688342	57.298	ug/l	97
20) Methylene Chloride	5.010	84	237907	58.052	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	205743	55.986	ug/l	96
22) Diisopropyl ether	6.416	45	679374	64.862	ug/l	97
23) Vinyl Acetate	6.351	43	2959292	329.693	ug/l	100
24) 1,1-Dichloroethane	6.304	63	398188	61.074	ug/l	100
25) 2-Butanone	7.257	43	1096778	356.165	ug/l	99
26) 2,2-Dichloropropane	7.245	77	244230	39.872	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	254336	56.095	ug/l	94
28) Bromochloromethane	7.587	49	157692	65.578	ug/l	98
29) Tetrahydrofuran	7.610	42	715385	362.151	ug/l	99
30) Chloroform	7.745	83	416601	57.144	ug/l	100
31) Cyclohexane	8.022	56	307203	53.533	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	343177	53.082	ug/l	98
36) 1,1-Dichloropropene	8.151	75	281594	50.720	ug/l	99
37) Ethyl Acetate	7.340	43	412532	61.334	ug/l	98
38) Carbon Tetrachloride	8.134	117	293720	46.285	ug/l	98
39) Methylcyclohexane	9.392	83	322981	46.428	ug/l	97
40) Benzene	8.392	78	949973	54.214	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	190509	62.676	ug/l	97
42) 1,2-Dichloroethane	8.463	62	316600	52.548	ug/l	98
43) Isopropyl Acetate	8.498	43	543000	56.670	ug/l	97
44) Trichloroethene	9.151	130	241397	47.697	ug/l	100
45) 1,2-Dichloropropane	9.428	63	241713	57.551	ug/l	100
46) Dibromomethane	9.516	93	170556	53.413	ug/l	98
47) Bromodichloromethane	9.698	83	330404	54.137	ug/l	99
48) Methyl methacrylate	9.498	41	248160	60.528	ug/l	92
49) 1,4-Dioxane	9.504	88	156212	1281.235	ug/l	98
51) 4-Methyl-2-Pentanone	10.269	43	2041453	315.124	ug/l	98
52) Toluene	10.445	92	587780	48.919	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	319828	49.939	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	363150	51.825	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	257371	55.065	ug/l	98
56) Ethyl methacrylate	10.704	69	394760	59.217	ug/l	94
57) 1,3-Dichloropropane	10.986	76	426875	56.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	891536	286.552	ug/l	99
59) 2-Hexanone	11.028	43	1615647	324.055	ug/l	98
60) Dibromochloromethane	11.181	129	272295	52.681	ug/l	98
61) 1,2-Dibromoethane	11.286	107	264354	52.880	ug/l	99
64) Tetrachloroethene	10.916	164	199334	40.938	ug/l	99
65) Chlorobenzene	11.710	112	639220	48.754	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	244327	49.211	ug/l	99
67) Ethyl Benzene	11.786	91	1094126	50.179	ug/l	98
68) m/p-Xylenes	11.892	106	864552	97.587	ug/l	100
69) o-Xylene	12.222	106	434365	48.892	ug/l	99
70) Styrene	12.233	104	723773	52.037	ug/l	99
71) Bromoform	12.398	173	224248	50.590	ug/l	100
73) Isopropylbenzene	12.516	105	1074714	46.674	ug/l	98
74) N-amyl acetate	12.327	43	453079	52.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	425091	55.015	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	301365m	45.852	ug/l	
77) Bromobenzene	12.798	156	286681	45.997	ug/l	99
78) n-propylbenzene	12.863	91	1231161	50.160	ug/l	100
79) 2-Chlorotoluene	12.945	91	758704	49.603	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	909525	48.563	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	115746	50.088	ug/l	98
82) 4-Chlorotoluene	13.045	91	728750	50.164	ug/l	99
83) tert-Butylbenzene	13.263	119	808668	46.921	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	918932	49.133	ug/l	99
85) sec-Butylbenzene	13.439	105	1101050	49.285	ug/l	99
86) p-Isopropyltoluene	13.557	119	931130	48.924	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	507044	46.911	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	499601	45.610	ug/l	99
89) n-Butylbenzene	13.880	91	712256	47.248	ug/l	99
90) Hexachloroethane	14.151	117	162961	46.843	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	526543	47.175	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	98815	54.163	ug/l	96
93) 1,2,4-Trichlorobenzene	15.198	180	298455	43.935	ug/l	99
94) Hexachlorobutadiene	15.304	225	152474	42.580	ug/l	98
95) Naphthalene	15.433	128	1093916	49.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	319597	45.517	ug/l	100

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

