

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073547.D
 Acq On : 21 Jul 2022 11:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 21 15:47:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	203551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	345028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	330725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	168460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	142119	48.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.720%		
35) Dibromofluoromethane	7.945	113	115848	50.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.940%		
50) Toluene-d8	10.380	98	379767	46.581	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.160%		
62) 4-Bromofluorobenzene	12.668	95	163662	52.236	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	157984	53.087	ug/l	97
3) Chloromethane	2.263	50	153436	53.107	ug/l	98
4) Vinyl Chloride	2.404	62	127176	51.806	ug/l	100
5) Bromomethane	2.775	94	75188	64.846	ug/l	100
6) Chloroethane	2.934	64	78392	54.285	ug/l	98
7) Trichlorofluoromethane	3.293	101	187497	44.179	ug/l	99
8) Diethyl Ether	3.757	74	94460	54.675	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.122	101	121482	48.443	ug/l	98
10) Methyl Iodide	4.340	142	126201	42.166	ug/l	96
11) Tert butyl alcohol	5.292	59	196980	276.722	ug/l	99
12) 1,1-Dichloroethene	4.104	96	117362	48.978	ug/l	99
13) Acrolein	3.981	56	52463	116.604	ug/l	99
14) Allyl chloride	4.751	41	269907	53.469	ug/l #	92
15) Acrylonitrile	5.469	53	545061	297.450	ug/l	99
16) Acetone	4.216	43	486506	294.956	ug/l	96
17) Carbon Disulfide	4.445	76	314967	50.692	ug/l	98
18) Methyl Acetate	4.775	43	274083	59.296	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	475542	54.452	ug/l	97
20) Methylene Chloride	5.004	84	150375	51.877	ug/l	89
21) trans-1,2-Dichloroethene	5.504	96	124861	49.870	ug/l	92
22) Diisopropyl ether	6.410	45	538131	57.130	ug/l #	93
23) Vinyl Acetate	6.345	43	2469945	292.872	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	261092	53.562	ug/l	99
25) 2-Butanone	7.257	43	810155	308.507	ug/l	89
26) 2,2-Dichloropropane	7.239	77	199635	44.282	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	155966	51.440	ug/l	95
28) Bromochloromethane	7.575	49	117693	57.651	ug/l #	81
29) Tetrahydrofuran	7.610	42	539036	299.778	ug/l	87
30) Chloroform	7.745	83	259503	52.856	ug/l	97
31) Cyclohexane	8.022	56	229496	47.688	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	214491	49.024	ug/l	98
36) 1,1-Dichloropropene	8.151	75	184089	52.119	ug/l	98
37) Ethyl Acetate	7.333	43	310517	58.182	ug/l #	95
38) Carbon Tetrachloride	8.128	117	177639	48.633	ug/l	99
39) Methylcyclohexane	9.392	83	227250	51.678	ug/l	95
40) Benzene	8.386	78	583649	53.542	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	150587	58.179	ug/l #	86
42) 1,2-Dichloroethane	8.463	62	220818	55.883	ug/l	97
43) Isopropyl Acetate	8.492	43	460277	60.009	ug/l #	92
44) Trichloroethene	9.151	130	139441	50.267	ug/l	97
45) 1,2-Dichloropropane	9.427	63	157246	56.596	ug/l	97
46) Dibromomethane	9.510	93	105332	55.835	ug/l	94
47) Bromodichloromethane	9.698	83	207334	56.745	ug/l	97
48) Methyl methacrylate	9.498	41	207528	58.436	ug/l	92
49) 1,4-Dioxane	9.504	88	84922	1259.630	ug/l #	96
51) 4-Methyl-2-Pentanone	10.269	43	1524294	313.380	ug/l	90
52) Toluene	10.445	92	358704	53.247	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	229964	57.173	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	248202	57.157	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	154620	55.752	ug/l	97
56) Ethyl methacrylate	10.704	69	265653	59.263	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	267448	56.255	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	575860	288.050	ug/l	93
59) 2-Hexanone	11.027	43	1182634	318.966	ug/l	89
60) Dibromochloromethane	11.180	129	158884	60.088	ug/l	100
61) 1,2-Dibromoethane	11.286	107	159558	57.600	ug/l	99
64) Tetrachloroethene	10.916	164	131177	48.573	ug/l	97
65) Chlorobenzene	11.710	112	375623	50.218	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	142506	51.798	ug/l	97
67) Ethyl Benzene	11.786	91	693567	51.075	ug/l	99
68) m/p-Xylenes	11.892	106	522355	101.927	ug/l	96
69) o-Xylene	12.221	106	260834	49.856	ug/l	96
70) Styrene	12.233	104	437646	54.182	ug/l	99
71) Bromoform	12.398	173	120521	59.868	ug/l #	98
73) Isopropylbenzene	12.521	105	674830	46.389	ug/l	99
74) N-amyl acetate	12.327	43	366490	50.313	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	245182	50.791	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	221900m	50.376	ug/l	
77) Bromobenzene	12.798	156	163644	48.384	ug/l	89
78) n-propylbenzene	12.863	91	793778	49.118	ug/l	97
79) 2-Chlorotoluene	12.951	91	485244	47.442	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	562325	47.425	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	82273	51.223	ug/l	94
82) 4-Chlorotoluene	13.045	91	468817	47.345	ug/l	98
83) tert-Butylbenzene	13.262	119	487342	45.845	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	570991	48.233	ug/l	97
85) sec-Butylbenzene	13.439	105	695563	48.729	ug/l	98
86) p-Isopropyltoluene	13.557	119	571929	49.600	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	294633	48.558	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	291244	47.906	ug/l	97
89) n-Butylbenzene	13.880	91	487275	50.713	ug/l	97
90) Hexachloroethane	14.145	117	103375	48.106	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	296182	47.918	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	59263	50.510	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	163421	50.778	ug/l	98
94) Hexachlorobutadiene	15.304	225	77034	53.844	ug/l	95
95) Naphthalene	15.433	128	630253	48.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	169245	50.978	ug/l	100

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

