

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028842.D
 Acq On : 20 May 2022 11:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 20 23:25:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	241404	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	396317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	198999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175793	53.124	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.240%			
35) Dibromofluoromethane	5.385	113	135529	52.195	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.380%			
50) Toluene-d8	8.647	98	477049	48.730	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.460%			
62) 4-Bromofluorobenzene	11.079	95	198355	54.247	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	151723	47.999	ug/l	99
3) Chloromethane	1.288	50	129401	43.469	ug/l	100
4) Vinyl Chloride	1.374	62	139998	43.640	ug/l	99
5) Bromomethane	1.599	94	111254	48.923	ug/l	99
6) Chloroethane	1.679	64	93972	46.341	ug/l	98
7) Trichlorofluoromethane	1.886	101	235022	45.951	ug/l	98
8) Diethyl Ether	2.130	74	89095	47.806	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	129762	48.212	ug/l	97
10) Methyl Iodide	2.453	142	151628	47.056	ug/l	93
11) Tert butyl alcohol	2.983	59	186026	265.387	ug/l	98
12) 1,1-Dichloroethene	2.319	96	115317	46.156	ug/l	94
13) Acrolein	2.233	56	117617	216.547	ug/l	97
14) Allyl chloride	2.660	41	197540	49.297	ug/l	91
15) Acrylonitrile	3.063	53	397316	249.205	ug/l	98
16) Acetone	2.380	43	349141	245.842	ug/l	90
17) Carbon Disulfide	2.508	76	276250	42.654	ug/l	100
18) Methyl Acetate	2.703	43	183542	51.600	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	481309	54.287	ug/l	100
20) Methylene Chloride	2.788	84	144035	48.342	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	132731	47.164	ug/l	98
22) Diisopropyl ether	3.758	45	433169	50.585	ug/l #	82
23) Vinyl Acetate	3.721	43	1937747	262.491	ug/l	97
24) 1,1-Dichloroethane	3.611	63	249864	50.191	ug/l	99
25) 2-Butanone	4.556	43	554549	248.763	ug/l	96
26) 2,2-Dichloropropane	4.477	77	200578	51.387	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	162898	49.561	ug/l	99
28) Bromochloromethane	4.898	49	94578	45.135	ug/l	97
29) Tetrahydrofuran	5.001	42	352660	243.378	ug/l	94
30) Chloroform	5.093	83	279572	51.890	ug/l	99
31) Cyclohexane	5.471	56	201849	43.945	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	241334	51.309	ug/l	99
36) 1,1-Dichloropropene	5.696	75	189066	48.478	ug/l	99
37) Ethyl Acetate	4.709	43	214887	52.752	ug/l	97
38) Carbon Tetrachloride	5.678	117	209402	53.352	ug/l	99
39) Methylcyclohexane	7.379	83	217211	48.564	ug/l	92
40) Benzene	6.038	78	557771	49.762	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	117471	53.784	ug/l	93
42) 1,2-Dichloroethane	6.086	62	237306	57.398	ug/l	96
43) Isopropyl Acetate	6.342	43	339187	53.224	ug/l	96
44) Trichloroethene	7.123	130	153830	50.604	ug/l	89
45) 1,2-Dichloropropane	7.434	63	145595	52.062	ug/l	99
46) Dibromomethane	7.580	93	111388	53.335	ug/l	95
47) Bromodichloromethane	7.824	83	219208	56.535	ug/l	100
48) Methyl methacrylate	7.696	41	170882	55.507	ug/l	87
49) 1,4-Dioxane	7.665	88	77617	1009.217	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1105479	263.351	ug/l	95
52) Toluene	8.720	92	364405	50.539	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	229514	51.376	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	242995	55.696	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	158345	53.856	ug/l	97
56) Ethyl methacrylate	9.116	69	246632	55.393	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	266271	53.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	559870	256.842	ug/l	97
59) 2-Hexanone	9.433	43	870753	266.992	ug/l	91
60) Dibromochloromethane	9.525	129	169879	59.244	ug/l	96
61) 1,2-Dibromoethane	9.610	107	168954	54.712	ug/l	97
64) Tetrachloroethene	9.275	164	142114	51.015	ug/l	98
65) Chlorobenzene	10.080	112	400586	51.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	155640	56.143	ug/l	98
67) Ethyl Benzene	10.195	91	710932	50.683	ug/l	100
68) m/p-Xylenes	10.305	106	556716	101.943	ug/l	96
69) o-Xylene	10.640	106	275853	51.305	ug/l	96
70) Styrene	10.659	104	471266	53.973	ug/l	97
71) Bromoform	10.799	173	120983	52.565	ug/l #	99
73) Isopropylbenzene	10.964	105	716881	47.504	ug/l	99
74) N-amyl acetate	10.848	43	301307	50.792	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	258118	49.857	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	241167m	51.749	ug/l	
77) Bromobenzene	11.201	156	178587	50.014	ug/l	96
78) n-propylbenzene	11.305	91	841629	48.214	ug/l	100
79) 2-Chlorotoluene	11.366	91	523701	48.948	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	632041	50.263	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	72403	46.630	ug/l #	84
82) 4-Chlorotoluene	11.457	91	611484	49.438	ug/l	99
83) tert-Butylbenzene	11.720	119	613617	50.400	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	636522	50.479	ug/l	99
85) sec-Butylbenzene	11.890	105	745583	49.646	ug/l	100
86) p-Isopropyltoluene	12.012	119	649119	51.510	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	352210	50.289	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	356280	49.044	ug/l	97
89) n-Butylbenzene	12.335	91	553216	50.667	ug/l	99
90) Hexachloroethane	12.543	117	105602	51.819	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	354551	51.532	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62602	56.630	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	214795	54.053	ug/l	98
94) Hexachlorobutadiene	13.725	225	85977	53.257	ug/l	93
95) Naphthalene	13.780	128	771527	54.560	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	216989	54.367	ug/l	95

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

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