

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030890.D
 Acq On : 27 Aug 2022 23:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 29 01:13:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/29/2022
 Supervised By :Mahesh Dadoda 08/29/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	205198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	364400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133953	55.498	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.000%			
35) Dibromofluoromethane	5.391	113	108975	48.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.320%			
50) Toluene-d8	8.653	98	377473	48.369	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.085	95	145600	50.113	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	95699	50.325	ug/l	98
3) Chloromethane	1.288	50	85937	55.672	ug/l	99
4) Vinyl Chloride	1.374	62	101275	54.589	ug/l	98
5) Bromomethane	1.605	94	52319	54.720	ug/l	99
6) Chloroethane	1.679	64	62675	58.145	ug/l	95
7) Trichlorofluoromethane	1.886	101	158843	50.570	ug/l	97
8) Diethyl Ether	2.136	74	64431	54.212	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	93975	47.028	ug/l	98
10) Methyl Iodide	2.453	142	82793	49.606	ug/l	92
11) Tert butyl alcohol	2.989	59	153085	292.167	ug/l	98
12) 1,1-Dichloroethene	2.319	96	88686	47.679	ug/l	91
13) Acrolein	2.239	56	138405	296.505	ug/l	99
14) Allyl chloride	2.666	41	177676	51.623	ug/l	96
15) Acrylonitrile	3.069	53	371838	289.456	ug/l	98
16) Acetone	2.392	43	327342	293.479	ug/l	95
17) Carbon Disulfide	2.508	76	172438	47.115	ug/l	99
18) Methyl Acetate	2.709	43	203946	59.493	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	364425	56.578	ug/l	97
20) Methylene Chloride	2.788	84	111646	54.667	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	96874	48.484	ug/l	93
22) Diisopropyl ether	3.764	45	409136	59.182	ug/l	96
23) Vinyl Acetate	3.727	43	1654791	298.442	ug/l	98
24) 1,1-Dichloroethane	3.611	63	207976	53.076	ug/l	97
25) 2-Butanone	4.568	43	538361	299.634	ug/l	97
26) 2,2-Dichloropropane	4.477	77	104243	36.726	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	124342	50.373	ug/l	95
28) Bromochloromethane	4.904	49	93390	55.393	ug/l	95
29) Tetrahydrofuran	5.013	42	346681	295.639	ug/l	96
30) Chloroform	5.099	83	222047	53.840	ug/l	99
31) Cyclohexane	5.477	56	153064	49.593	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	183208	54.943	ug/l	99
36) 1,1-Dichloropropene	5.696	75	142485	46.722	ug/l	96
37) Ethyl Acetate	4.721	43	199030	55.101	ug/l	97
38) Carbon Tetrachloride	5.684	117	154866	48.143	ug/l	98
39) Methylcyclohexane	7.385	83	151847	41.603	ug/l	95
40) Benzene	6.044	78	443372	48.594	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	113223	56.095	ug/l	97
42) 1,2-Dichloroethane	6.092	62	172610	53.317	ug/l	96
43) Isopropyl Acetate	6.348	43	308960	56.786	ug/l	97
44) Trichloroethene	7.129	130	119957	45.507	ug/l	95
45) 1,2-Dichloropropane	7.434	63	129102	51.148	ug/l	95
46) Dibromomethane	7.586	93	84678	47.225	ug/l	100
47) Bromodichloromethane	7.824	83	175103	51.859	ug/l	96
48) Methyl methacrylate	7.702	41	157739	58.160	ug/l	94
49) 1,4-Dioxane	7.684	88	72547	1083.547	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	1072321	292.206	ug/l	98
52) Toluene	8.720	92	278909	48.974	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	163106	49.995	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	179835	48.951	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	127278	50.290	ug/l	98
56) Ethyl methacrylate	9.122	69	197051	54.291	ug/l	95
57) 1,3-Dichloropropane	9.311	76	207968	50.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	532653	274.423	ug/l	97
59) 2-Hexanone	9.433	43	818604	297.334	ug/l	97
60) Dibromochloromethane	9.525	129	132908	50.360	ug/l	99
61) 1,2-Dibromoethane	9.610	107	129082	50.297	ug/l	98
64) Tetrachloroethene	9.275	164	114965	43.459	ug/l	95
65) Chlorobenzene	10.080	112	304086	46.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	117716	48.288	ug/l	99
67) Ethyl Benzene	10.195	91	550752	49.070	ug/l	98
68) m/p-Xylenes	10.305	106	419084	97.458	ug/l	96
69) o-Xylene	10.647	106	208893	49.092	ug/l	94
70) Styrene	10.659	104	360667	51.074	ug/l	98
71) Bromoform	10.805	173	93775	46.556	ug/l #	98
73) Isopropylbenzene	10.964	105	554490	49.348	ug/l	99
74) N-amyl acetate	10.848	43	260306	59.474	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	195068	50.752	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	184983m	50.359	ug/l	
77) Bromobenzene	11.201	156	129699	46.850	ug/l	96
78) n-propylbenzene	11.305	91	644292	49.857	ug/l	99
79) 2-Chlorotoluene	11.366	91	390672	49.353	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	468806	49.851	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	52695	46.285	ug/l	93
82) 4-Chlorotoluene	11.457	91	446752	50.350	ug/l	98
83) tert-Butylbenzene	11.719	119	450428	49.767	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	469393	51.539	ug/l	97
85) sec-Butylbenzene	11.890	105	593069	50.285	ug/l	98
86) p-Isopropyltoluene	12.012	119	485304	50.036	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	248714	47.625	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	249747	46.600	ug/l	99
89) n-Butylbenzene	12.335	91	432354	48.154	ug/l	99
90) Hexachloroethane	12.543	117	86180	45.828	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	257428	46.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49144	49.676	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	154625	44.982	ug/l	98
94) Hexachlorobutadiene	13.725	225	60623	42.343	ug/l	97
95) Naphthalene	13.780	128	596438	49.842	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	161980	44.568	ug/l	98

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

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