

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030786.D
 Acq On : 25 Aug 2022 21:31
 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 26 02:42:26 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 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	244833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	417623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135298	46.980	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.960%		
35) Dibromofluoromethane	5.391	113	120172	46.821	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.640%		
50) Toluene-d8	8.653	98	412580	46.130	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.260%		
62) 4-Bromofluorobenzene	11.085	95	163536	49.113	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	109115	48.091	ug/l	100
3) Chloromethane	1.288	50	98012	53.166	ug/l	99
4) Vinyl Chloride	1.374	62	112491	50.778	ug/l	99
5) Bromomethane	1.599	94	50308	44.099	ug/l	96
6) Chloroethane	1.678	64	68727	53.341	ug/l	99
7) Trichlorofluoromethane	1.880	101	174917	46.672	ug/l	95
8) Diethyl Ether	2.136	74	69838	49.249	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	111039	46.572	ug/l	96
10) Methyl Iodide	2.447	142	89607	45.371	ug/l	93
11) Tert butyl alcohol	2.977	59	172689	276.227	ug/l	98
12) 1,1-Dichloroethene	2.313	96	106367	47.927	ug/l	93
13) Acrolein	2.239	56	129862	235.314	ug/l	99
14) Allyl chloride	2.660	41	191461	46.622	ug/l	97
15) Acrylonitrile	3.068	53	407006	265.542	ug/l	99
16) Acetone	2.386	43	336041	252.506	ug/l	99
17) Carbon Disulfide	2.508	76	208608	47.781	ug/l	99
18) Methyl Acetate	2.709	43	213422	52.178	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	390410	50.800	ug/l	98
20) Methylene Chloride	2.788	84	127871	52.442	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	109877	46.089	ug/l	91
22) Diisopropyl ether	3.770	45	412596	50.020	ug/l #	86
23) Vinyl Acetate	3.727	43	1697457	256.578	ug/l	99
24) 1,1-Dichloroethane	3.611	63	226909	48.533	ug/l	100
25) 2-Butanone	4.562	43	562665	262.465	ug/l	98
26) 2,2-Dichloropropane	4.483	77	132010	38.979	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	140467	47.693	ug/l	98
28) Bromochloromethane	4.910	49	98491	48.962	ug/l	97
29) Tetrahydrofuran	5.013	42	367699	262.801	ug/l	99
30) Chloroform	5.099	83	237950	48.356	ug/l	99
31) Cyclohexane	5.470	56	171475	46.564	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	198131	49.799	ug/l	98
36) 1,1-Dichloropropene	5.696	75	154658	44.251	ug/l	99
37) Ethyl Acetate	4.727	43	205044	49.531	ug/l	99
38) Carbon Tetrachloride	5.678	117	168565	45.723	ug/l	96
39) Methylcyclohexane	7.385	83	183343	43.830	ug/l	93
40) Benzene	6.044	78	487295	46.601	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	117441	50.770	ug/l	98
42) 1,2-Dichloroethane	6.092	62	177767	47.912	ug/l	98
43) Isopropyl Acetate	6.348	43	314670	50.465	ug/l	99
44) Trichloroethene	7.129	130	141706	46.907	ug/l	98
45) 1,2-Dichloropropane	7.434	63	142303	49.193	ug/l	96
46) Dibromomethane	7.586	93	96712	47.063	ug/l	96
47) Bromodichloromethane	7.824	83	193480	49.999	ug/l	99
48) Methyl methacrylate	7.696	41	156744	50.428	ug/l	98
49) 1,4-Dioxane	7.665	88	86348	1125.316	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1094055	260.134	ug/l	98
52) Toluene	8.720	92	308350	47.243	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	178817	47.825	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	199383	47.355	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	144862	49.943	ug/l	98
56) Ethyl methacrylate	9.122	69	218841	52.611	ug/l	97
57) 1,3-Dichloropropane	9.311	76	231410	49.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	574371	258.204	ug/l	99
59) 2-Hexanone	9.433	43	843600	267.363	ug/l	98
60) Dibromochloromethane	9.525	129	151768	50.178	ug/l	100
61) 1,2-Dibromoethane	9.610	107	148121	50.360	ug/l	98
64) Tetrachloroethene	9.275	164	134728	45.211	ug/l	95
65) Chlorobenzene	10.079	112	343353	46.918	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	131330	47.824	ug/l	99
67) Ethyl Benzene	10.195	91	613077	48.489	ug/l	100
68) m/p-Xylenes	10.305	106	474190	97.890	ug/l	99
69) o-Xylene	10.646	106	236852	49.412	ug/l	97
70) Styrene	10.659	104	402158	50.555	ug/l	99
71) Bromoform	10.805	173	113098	49.844	ug/l #	100
73) Isopropylbenzene	10.963	105	622352	48.258	ug/l	100
74) N-amyl acetate	10.848	43	266676	53.086	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	223572	50.680	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	207286m	49.166	ug/l	
77) Bromobenzene	11.201	156	153038	48.165	ug/l	97
78) n-propylbenzene	11.305	91	739882	49.884	ug/l	100
79) 2-Chlorotoluene	11.366	91	436674	48.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	526666	48.795	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	63145	48.324	ug/l	95
82) 4-Chlorotoluene	11.457	91	496552	48.759	ug/l	99
83) tert-Butylbenzene	11.719	119	514571	49.535	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	529688	50.672	ug/l	99
85) sec-Butylbenzene	11.896	105	685508	50.641	ug/l	100
86) p-Isopropyltoluene	12.012	119	556367	49.978	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	295189	49.248	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	294899	47.941	ug/l	99
89) n-Butylbenzene	12.335	91	524193	50.867	ug/l	99
90) Hexachloroethane	12.542	117	103402	47.908	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	324075	51.360	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56604	49.851	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	199393	50.538	ug/l	99
94) Hexachlorobutadiene	13.725	225	83015	50.519	ug/l	100
95) Naphthalene	13.780	128	781633	56.909	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	215401	51.637	ug/l	99

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

