

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030812.D
 Acq On : 26 Aug 2022 09:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Mahesh Dadoda 08/29/2022

Quant Time: Aug 27 02:37:05 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	249599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136574	46.518	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.040%		
35) Dibromofluoromethane	5.385	113	119648	46.091	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.180%		
50) Toluene-d8	8.653	98	419478	46.372	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.740%		
62) 4-Bromofluorobenzene	11.079	95	160826	47.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117997	51.013	ug/l	99
3) Chloromethane	1.288	50	97409	51.802	ug/l	100
4) Vinyl Chloride	1.374	62	110984	49.122	ug/l	99
5) Bromomethane	1.605	94	56301	48.410	ug/l	96
6) Chloroethane	1.678	64	67943	51.689	ug/l	100
7) Trichlorofluoromethane	1.886	101	174636	45.708	ug/l	96
8) Diethyl Ether	2.136	74	67725	46.847	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	117841	48.481	ug/l	97
10) Methyl Iodide	2.453	142	93558	46.370	ug/l	93
11) Tert butyl alcohol	2.989	59	148144	232.441	ug/l	97
12) 1,1-Dichloroethene	2.319	96	103964	45.950	ug/l	98
13) Acrolein	2.239	56	138805	246.229	ug/l	99
14) Allyl chloride	2.660	41	198354	47.379	ug/l	98
15) Acrylonitrile	3.068	53	387275	247.844	ug/l	98
16) Acetone	2.386	43	373297	275.144	ug/l	97
17) Carbon Disulfide	2.508	76	213270	47.918	ug/l	98
18) Methyl Acetate	2.709	43	206332	49.482	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	393014	50.162	ug/l	97
20) Methylene Chloride	2.788	84	130676	52.571	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	111700	45.960	ug/l	97
22) Diisopropyl ether	3.763	45	423457	50.357	ug/l	92
23) Vinyl Acetate	3.727	43	1712653	253.932	ug/l	99
24) 1,1-Dichloroethane	3.611	63	229957	48.246	ug/l	98
25) 2-Butanone	4.562	43	564731	258.398	ug/l	98
26) 2,2-Dichloropropane	4.477	77	173275	50.187	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	142563	47.480	ug/l	97
28) Bromochloromethane	4.897	49	100577	49.044	ug/l	100
29) Tetrahydrofuran	5.007	42	346901	243.202	ug/l	100
30) Chloroform	5.099	83	240693	47.979	ug/l	98
31) Cyclohexane	5.470	56	181208	48.268	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	198858	49.028	ug/l	98
36) 1,1-Dichloropropene	5.696	75	162616	46.003	ug/l	98
37) Ethyl Acetate	4.721	43	199180	47.572	ug/l	99
38) Carbon Tetrachloride	5.678	117	171027	45.868	ug/l	98
39) Methylcyclohexane	7.385	83	195667	46.249	ug/l	96
40) Benzene	6.037	78	498905	47.173	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	112145	47.934	ug/l	99
42) 1,2-Dichloroethane	6.086	62	178672	47.613	ug/l	97
43) Isopropyl Acetate	6.342	43	309778	49.120	ug/l	100
44) Trichloroethene	7.129	130	146279	47.875	ug/l	99
45) 1,2-Dichloropropane	7.434	63	148057	50.605	ug/l	98
46) Dibromomethane	7.580	93	97842	47.076	ug/l	98
47) Bromodichloromethane	7.824	83	193358	49.404	ug/l #	99
48) Methyl methacrylate	7.696	41	155903	49.592	ug/l	97
49) 1,4-Dioxane	7.677	88	74987	966.234	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1051668	247.236	ug/l	99
52) Toluene	8.720	92	316155	47.893	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	190875	50.474	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	210131	49.345	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	141570	48.258	ug/l	97
56) Ethyl methacrylate	9.122	69	215365	51.191	ug/l	98
57) 1,3-Dichloropropane	9.311	76	227125	48.047	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	563190	250.322	ug/l	99
59) 2-Hexanone	9.433	43	828509	259.618	ug/l	99
60) Dibromochloromethane	9.525	129	147607	48.252	ug/l	99
61) 1,2-Dibromoethane	9.610	107	147625	49.625	ug/l	99
64) Tetrachloroethene	9.275	164	141740	48.796	ug/l	97
65) Chlorobenzene	10.079	112	343779	48.194	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	132992	49.684	ug/l	97
67) Ethyl Benzene	10.195	91	614463	49.858	ug/l	100
68) m/p-Xylenes	10.305	106	474933	100.585	ug/l	97
69) o-Xylene	10.646	106	237035	50.732	ug/l	97
70) Styrene	10.659	104	406595	52.437	ug/l	99
71) Bromoform	10.805	173	107539	48.622	ug/l	98
73) Isopropylbenzene	10.963	105	636495	48.804	ug/l	99
74) N-amyl acetate	10.841	43	262178	51.608	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	212385	47.607	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	203248m	47.670	ug/l	
77) Bromobenzene	11.201	156	150662	46.887	ug/l	97
78) n-propylbenzene	11.305	91	746231	49.750	ug/l	100
79) 2-Chlorotoluene	11.366	91	440216	47.912	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	536267	49.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	67534	51.106	ug/l	97
82) 4-Chlorotoluene	11.457	91	502781	48.819	ug/l	100
83) tert-Butylbenzene	11.719	119	512828	48.816	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	546973	51.742	ug/l	97
85) sec-Butylbenzene	11.890	105	707968	51.716	ug/l	99
86) p-Isopropyltoluene	12.012	119	600748	53.362	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	304777	50.280	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	300343	48.281	ug/l	99
89) n-Butylbenzene	12.335	91	546590	52.448	ug/l	99
90) Hexachloroethane	12.542	117	107472	49.238	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	318544	49.920	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	56302	49.031	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	211706	53.060	ug/l	99
94) Hexachlorobutadiene	13.725	225	88708	53.381	ug/l	98
95) Naphthalene	13.774	128	744057	53.568	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	227203	53.858	ug/l	98

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

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