

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031561.D
 Acq On : 22 Sep 2022 11:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 22 17:59:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

09/24/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	48636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	73166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67771	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	45235	50.634	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.260%	
35) Dibromofluoromethane	5.391	113	38538	50.974	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.940%	
50) Toluene-d8	8.647	98	146650	50.309	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	11.079	95	54144	54.835	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.680%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	36157	51.707	ug/l	98
3) Chloromethane	1.288	50	42714	46.044	ug/l	99
4) Vinyl Chloride	1.374	62	51463	48.650	ug/l	99
5) Bromomethane	1.612	94	108902	72.302	ug/l	96
6) Chloroethane	1.685	64	70950	79.167	ug/l	96
7) Trichlorofluoromethane	1.886	101	110242	45.945	ug/l	97
8) Diethyl Ether	2.130	74	37234	45.056	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	36476	46.578	ug/l	90
10) Methyl Iodide	2.453	142	40490	53.440	ug/l	98
11) Tert butyl alcohol	2.995	59	46593	247.144	ug/l	97
12) 1,1-Dichloroethene	2.319	96	34096	45.038	ug/l	90
13) Acrolein	2.239	56	20040	204.839	ug/l	96
14) Allyl chloride	2.660	41	51655	41.842	ug/l	91
15) Acrylonitrile	3.069	53	109148	232.535	ug/l	99
16) Acetone	2.392	43	89671	254.434	ug/l	94
17) Carbon Disulfide	2.508	76	82412	40.403	ug/l	99
18) Methyl Acetate	2.709	43	59488	44.631	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	127044	46.401	ug/l	97
20) Methylene Chloride	2.788	84	39720	49.840	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	40362	47.214	ug/l	92
22) Diisopropyl ether	3.764	45	126277	47.234	ug/l	97
23) Vinyl Acetate	3.721	43	541391	236.799	ug/l	97
24) 1,1-Dichloroethane	3.611	63	67487	44.670	ug/l	95
25) 2-Butanone	4.562	43	154782	224.772	ug/l	94
26) 2,2-Dichloropropane	4.477	77	57576	43.143	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	47154	45.766	ug/l	89
28) Bromochloromethane	4.898	49	29190	48.365	ug/l	88
29) Tetrahydrofuran	5.007	42	101650	226.351	ug/l	93
30) Chloroform	5.093	83	80727	48.720	ug/l	97
31) Cyclohexane	5.471	56	59470	44.953	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	68421	45.462	ug/l	99
36) 1,1-Dichloropropene	5.684	75	56142	48.273	ug/l	98
37) Ethyl Acetate	4.721	43	62860	45.307	ug/l	99
38) Carbon Tetrachloride	5.678	117	60771	47.141	ug/l	98
39) Methylcyclohexane	7.379	83	68816	48.091	ug/l	92
40) Benzene	6.038	78	166686	48.042	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	32161	46.557	ug/l	94
42) 1,2-Dichloroethane	6.092	62	61665	48.218	ug/l	96
43) Isopropyl Acetate	6.342	43	102061	47.862	ug/l	99
44) Trichloroethene	7.129	130	46915	47.690	ug/l	84
45) 1,2-Dichloropropane	7.428	63	41637	47.740	ug/l	98
46) Dibromomethane	7.580	93	32458	48.348	ug/l	92
47) Bromodichloromethane	7.824	83	60344	47.807	ug/l	98
48) Methyl methacrylate	7.690	41	45747	46.958	ug/l	89
49) 1,4-Dioxane	7.696	88	21056	946.410	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	341656	249.098	ug/l	100
52) Toluene	8.720	92	114340	50.529	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	66120	50.621	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	69474	48.634	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	47617	51.069	ug/l	98
56) Ethyl methacrylate	9.116	69	69311	52.265	ug/l	94
57) 1,3-Dichloropropane	9.311	76	75815	49.549	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	119221	216.959	ug/l	95
59) 2-Hexanone	9.433	43	257865	250.334	ug/l	98
60) Dibromochloromethane	9.519	129	51310	51.822	ug/l	99
61) 1,2-Dibromoethane	9.610	107	51486	51.256	ug/l	98
64) Tetrachloroethene	9.275	164	48221	47.895	ug/l	97
65) Chlorobenzene	10.080	112	128696	49.788	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	45820	49.130	ug/l	95
67) Ethyl Benzene	10.195	91	225830	49.482	ug/l	99
68) m/p-Xylenes	10.305	106	182932	99.740	ug/l	97
69) o-Xylene	10.640	106	88123	50.338	ug/l	98
70) Styrene	10.659	104	147734	51.255	ug/l	98
71) Bromoform	10.799	173	38086	51.040	ug/l #	99
73) Isopropylbenzene	10.964	105	235675	46.568	ug/l	99
74) N-amyl acetate	10.842	43	94003	45.827	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	75873	55.317	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	67559m	44.665	ug/l	
77) Bromobenzene	11.201	156	57814	46.351	ug/l	92
78) n-propylbenzene	11.305	91	279367	47.981	ug/l	100
79) 2-Chlorotoluene	11.366	91	160106	46.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	208858	48.629	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21899	46.617	ug/l	94
82) 4-Chlorotoluene	11.457	91	195948	48.178	ug/l	97
83) tert-Butylbenzene	11.713	119	200265	48.109	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	205673	48.625	ug/l	98
85) sec-Butylbenzene	11.890	105	254458	48.302	ug/l	99
86) p-Isopropyltoluene	12.012	119	224989	50.576	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	113701	47.559	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	122059	48.949	ug/l	97
89) n-Butylbenzene	12.335	91	193389	51.035	ug/l	98
90) Hexachloroethane	12.543	117	36049	47.161	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	114639	47.617	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15826	45.510	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	67707	51.039	ug/l	98
94) Hexachlorobutadiene	13.725	225	23437	52.467	ug/l	96
95) Naphthalene	13.774	128	234952	48.360	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65600	47.978	ug/l	97

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

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