

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032280.D
 Acq On : 21 Oct 2022 11:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 22 05:00:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

10/24/2022
 Supervised By : Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	121156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	196609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99137	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	87871	55.752	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.500%	
35) Dibromofluoromethane	5.385	113	68815	50.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	8.647	98	240291	48.791	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	11.079	95	96905	53.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.460%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	53987	48.707	ug/l	95
3) Chloromethane	1.294	50	52105	48.488	ug/l	96
4) Vinyl Chloride	1.374	62	56063	46.963	ug/l	98
5) Bromomethane	1.611	94	77782	62.231	ug/l	99
6) Chloroethane	1.691	64	48145	45.512	ug/l	96
7) Trichlorofluoromethane	1.886	101	111268	52.431	ug/l	98
8) Diethyl Ether	2.130	74	41438	57.458	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	59464	51.683	ug/l	98
10) Methyl Iodide	2.453	142	72568	43.646	ug/l	97
11) Tert butyl alcohol	2.983	59	51826	231.805	ug/l	98
12) 1,1-Dichloroethene	2.319	96	53049	49.056	ug/l	92
13) Acrolein	2.239	56	59419	309.691	ug/l	98
14) Allyl chloride	2.666	41	94887	55.867	ug/l	98
15) Acrylonitrile	3.062	53	155354	262.814	ug/l	98
16) Acetone	2.386	43	136992	267.834	ug/l	96
17) Carbon Disulfide	2.514	76	117813	46.535	ug/l	98
18) Methyl Acetate	2.703	43	95501	54.997	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	218718	58.694	ug/l	98
20) Methylene Chloride	2.788	84	65998	50.252	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	59666	50.658	ug/l	95
22) Diisopropyl ether	3.757	45	216891	58.315	ug/l	94
23) Vinyl Acetate	3.721	43	870759	292.920	ug/l	100
24) 1,1-Dichloroethane	3.611	63	118289	55.045	ug/l	99
25) 2-Butanone	4.556	43	214530	268.645	ug/l	99
26) 2,2-Dichloropropane	4.477	77	97920	63.244	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	75781	54.951	ug/l	96
28) Bromochloromethane	4.897	49	46134	52.035	ug/l	97
29) Tetrahydrofuran	5.007	42	137940	267.446	ug/l	100
30) Chloroform	5.092	83	131547	56.241	ug/l	99
31) Cyclohexane	5.470	56	92147	51.141	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	112294	56.299	ug/l	99
36) 1,1-Dichloropropene	5.690	75	86993	49.431	ug/l	99
37) Ethyl Acetate	4.708	43	89747	52.083	ug/l	99
38) Carbon Tetrachloride	5.678	117	98150	52.829	ug/l	99
39) Methylcyclohexane	7.379	83	104085	49.508	ug/l	95
40) Benzene	6.037	78	256907	50.367	ug/l	99

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41) Methacrylonitrile	4.916	41	50858	55.972	ug/l	97
42) 1,2-Dichloroethane	6.086	62	113276	57.978	ug/l	98
43) Isopropyl Acetate	6.336	43	150427	55.621	ug/l	99
44) Trichloroethene	7.123	130	69717	49.634	ug/l	97
45) 1,2-Dichloropropane	7.427	63	69321	53.873	ug/l	98
46) Dibromomethane	7.580	93	53008	55.233	ug/l	97
47) Bromodichloromethane	7.824	83	103790	58.543	ug/l	96
48) Methyl methacrylate	7.690	41	77887	57.746	ug/l	97
49) 1,4-Dioxane	7.690	88	26067	962.986	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	462278	272.679	ug/l	99
52) Toluene	8.720	92	168663	51.044	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	109090	54.438	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	115192	58.312	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	75166	55.999	ug/l	97
56) Ethyl methacrylate	9.116	69	110286	57.049	ug/l	97
57) 1,3-Dichloropropane	9.305	76	120431	55.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	233477	263.490	ug/l	98
59) 2-Hexanone	9.433	43	339104	268.070	ug/l	100
60) Dibromochloromethane	9.518	129	80969	58.857	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79176	55.642	ug/l	98
64) Tetrachloroethene	9.275	164	57445	47.207	ug/l	97
65) Chlorobenzene	10.079	112	190802	50.501	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	74758	55.298	ug/l	100
67) Ethyl Benzene	10.195	91	344986	51.574	ug/l	99
68) m/p-Xylenes	10.299	106	266515	100.889	ug/l	97
69) o-Xylene	10.640	106	131036	51.779	ug/l	98
70) Styrene	10.652	104	225225	52.776	ug/l	99
71) Bromoform	10.799	173	57131	49.819	ug/l #	100
73) Isopropylbenzene	10.963	105	349992	49.477	ug/l	99
74) N-amyl acetate	10.841	43	144367	55.242	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	113326	49.831	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	91080m	46.367	ug/l	
77) Bromobenzene	11.201	156	87523	50.477	ug/l	96
78) n-propylbenzene	11.305	91	413338	51.030	ug/l	100
79) 2-Chlorotoluene	11.366	91	250633	51.341	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	310090	50.750	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33140	52.844	ug/l	100
82) 4-Chlorotoluene	11.457	91	301565	53.059	ug/l	100
83) tert-Butylbenzene	11.713	119	309997	50.708	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	313100	52.706	ug/l	99
85) sec-Butylbenzene	11.890	105	377565	51.104	ug/l	99
86) p-Isopropyltoluene	12.012	119	327577	52.109	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	168223	50.407	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	174384	50.868	ug/l	99
89) n-Butylbenzene	12.335	91	288727	52.145	ug/l	100
90) Hexachloroethane	12.542	117	52540	53.861	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	172011	52.503	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24516	56.424	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	108810	51.017	ug/l	99
94) Hexachlorobutadiene	13.725	225	43926	47.453	ug/l	99
95) Naphthalene	13.774	128	352865	51.656	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	108958	50.791	ug/l	99

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

