

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031017.D
 Acq On : 01 Sep 2022 10:06
 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 02 02:51:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	197273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	318331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116390	45.854	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.700%
35) Dibromofluoromethane	5.385	113	110659	47.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	8.653	98	406975	47.601	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	11.079	95	146306	48.450	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96855	47.715	ug/l	98
3) Chloromethane	1.288	50	72896	43.171	ug/l	99
4) Vinyl Chloride	1.374	62	98126	46.277	ug/l	99
5) Bromomethane	1.611	94	48290	50.942	ug/l	100
6) Chloroethane	1.685	64	38871	30.773	ug/l	96
7) Trichlorofluoromethane	1.886	101	173921	48.542	ug/l	96
8) Diethyl Ether	2.136	74	59854	47.899	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	115733	48.766	ug/l	94
10) Methyl Iodide	2.453	142	94532	41.672	ug/l	96
11) Tert butyl alcohol	2.995	59	130558	254.987	ug/l	99
12) 1,1-Dichloroethene	2.319	96	109941	47.972	ug/l	94
13) Acrolein	2.239	56	80637	173.603	ug/l	99
14) Allyl chloride	2.666	41	149928	49.260	ug/l #	94
15) Acrylonitrile	3.068	53	289332	243.123	ug/l	98
16) Acetone	2.392	43	225932	230.565	ug/l	96
17) Carbon Disulfide	2.514	76	275720	46.326	ug/l	98
18) Methyl Acetate	2.709	43	133563	47.433	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	352368	49.926	ug/l	92
20) Methylene Chloride	2.788	84	122842	51.589	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	117809	46.197	ug/l	93
22) Diisopropyl ether	3.763	45	306533	49.983	ug/l #	83
23) Vinyl Acetate	3.721	43	1259584	254.279	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	200703	48.568	ug/l	99
25) 2-Butanone	4.562	43	365652	241.706	ug/l	91
26) 2,2-Dichloropropane	4.477	77	160454	48.657	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140461	49.144	ug/l	94
28) Bromochloromethane	4.903	49	59817	48.857	ug/l #	68
29) Tetrahydrofuran	5.013	42	238069	244.101	ug/l #	86
30) Chloroform	5.092	83	218962	48.318	ug/l	98
31) Cyclohexane	5.470	56	172061	49.622	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	192943	49.668	ug/l	95
36) 1,1-Dichloropropene	5.696	75	158214	48.622	ug/l	98
37) Ethyl Acetate	4.714	43	138978	49.157	ug/l	94
38) Carbon Tetrachloride	5.672	117	170275	50.413	ug/l	96
39) Methylcyclohexane	7.379	83	204510	50.713	ug/l	97
40) Benzene	6.037	78	469606	50.267	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	77183	51.206	ug/l	91
42) 1,2-Dichloroethane	6.086	62	152381	49.447	ug/l	98
43) Isopropyl Acetate	6.342	43	220769	49.963	ug/l #	92
44) Trichloroethene	7.129	130	142776	48.285	ug/l	93
45) 1,2-Dichloropropane	7.434	63	118153	49.341	ug/l	99
46) Dibromomethane	7.580	93	88528	49.395	ug/l	93
47) Bromodichloromethane	7.824	83	169355	50.578	ug/l	99
48) Methyl methacrylate	7.696	41	106385	47.691	ug/l #	86
49) 1,4-Dioxane	7.696	88	63346	933.616	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	713807	251.295	ug/l	89
52) Toluene	8.720	92	302884	49.993	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	178317	53.784	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	195476	52.729	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	130324	50.598	ug/l	97
56) Ethyl methacrylate	9.116	69	188495	53.532	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	202144	49.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	467866	266.090	ug/l	96
59) 2-Hexanone	9.433	43	547078	254.685	ug/l	84
60) Dibromochloromethane	9.525	129	140137	52.399	ug/l	100
61) 1,2-Dibromoethane	9.610	107	138240	50.839	ug/l	99
64) Tetrachloroethene	9.275	164	143331	49.998	ug/l	95
65) Chlorobenzene	10.079	112	340346	49.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	127361	50.300	ug/l	98
67) Ethyl Benzene	10.195	91	599568	51.037	ug/l	99
68) m/p-Xylenes	10.305	106	470764	102.175	ug/l	100
69) o-Xylene	10.646	106	227565	50.361	ug/l	96
70) Styrene	10.659	104	387463	52.985	ug/l	100
71) Bromoform	10.799	173	103257	52.446	ug/l #	98
73) Isopropylbenzene	10.963	105	605590	50.489	ug/l	100
74) N-amyl acetate	10.841	43	189222	52.264	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	183512	47.843	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	211383	60.096	ug/l	87
77) Bromobenzene	11.201	156	149113	48.218	ug/l	91
78) n-propylbenzene	11.305	91	699541	51.207	ug/l	98
79) 2-Chlorotoluene	11.366	91	414003	49.215	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	512533	50.777	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	58262	52.056	ug/l	92
82) 4-Chlorotoluene	11.457	91	473507	50.307	ug/l	98
83) tert-Butylbenzene	11.719	119	495817	49.353	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	511540	50.988	ug/l	99
85) sec-Butylbenzene	11.890	105	651763	49.531	ug/l	100
86) p-Isopropyltoluene	12.012	119	551712	52.941	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	305538	51.579	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	286265	48.524	ug/l	99
89) n-Butylbenzene	12.335	91	497788	52.976	ug/l	98
90) Hexachloroethane	12.542	117	94926	50.263	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	288276	47.449	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44028	47.112	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	206254	53.641	ug/l	97
94) Hexachlorobutadiene	13.725	225	83998	49.894	ug/l	97
95) Naphthalene	13.780	128	729274	54.072	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	208806	51.769	ug/l	99

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

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