

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029067.D
 Acq On : 31 May 2022 11:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 04:55:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	280391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143402	45.354	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.700%
35) Dibromofluoromethane	5.385	113	136931	47.614	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.220%
50) Toluene-d8	8.653	98	487985	46.394	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.780%
62) 4-Bromofluorobenzene	11.079	95	202935	49.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.820%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	141652	58.103	ug/l	100
3) Chloromethane	1.294	50	119689	46.919	ug/l	98
4) Vinyl Chloride	1.374	62	142123	50.663	ug/l	99
5) Bromomethane	1.599	94	116719	93.989	ug/l	100
6) Chloroethane	1.672	64	94541	46.088	ug/l	98
7) Trichlorofluoromethane	1.880	101	236422	54.226	ug/l	98
8) Diethyl Ether	2.136	74	91499	54.758	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	143997	55.687	ug/l	96
10) Methyl Iodide	2.447	142	168370	52.852	ug/l	98
11) Tert butyl alcohol	2.977	59	207004	282.619	ug/l	96
12) 1,1-Dichloroethene	2.312	96	127568	50.479	ug/l	95
13) Acrolein	2.233	56	87316	263.105	ug/l	99
14) Allyl chloride	2.660	41	203386	53.588	ug/l	97
15) Acrylonitrile	3.062	53	422923	280.431	ug/l	100
16) Acetone	2.380	43	377347	303.080	ug/l	97
17) Carbon Disulfide	2.508	76	275034	39.680	ug/l	98
18) Methyl Acetate	2.703	43	184106	57.175	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	498954	58.193	ug/l	97
20) Methylene Chloride	2.788	84	152593	52.568	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	141839	49.750	ug/l	95
22) Diisopropyl ether	3.763	45	435892	57.420	ug/l	97
23) Vinyl Acetate	3.721	43	1827807	288.302	ug/l	99
24) 1,1-Dichloroethane	3.605	63	260253	55.411	ug/l	99
25) 2-Butanone	4.556	43	570029	283.823	ug/l	98
26) 2,2-Dichloropropane	4.477	77	231950	60.196	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	183172	53.873	ug/l	92
28) Bromochloromethane	4.897	49	84467	44.696	ug/l	86
29) Tetrahydrofuran	5.001	42	353469	274.447	ug/l	99
30) Chloroform	5.099	83	298739	57.375	ug/l	97
31) Cyclohexane	5.470	56	203407	49.484	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	266915	56.611	ug/l	97
36) 1,1-Dichloropropene	5.690	75	197600	53.399	ug/l	97
37) Ethyl Acetate	4.714	43	208983	58.273	ug/l	99
38) Carbon Tetrachloride	5.678	117	240382	56.842	ug/l	99
39) Methylcyclohexane	7.379	83	239519	52.361	ug/l	95
40) Benzene	6.037	78	604001	55.110	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	115310	59.529	ug/l	98
42) 1,2-Dichloroethane	6.086	62	209879	56.469	ug/l	97
43) Isopropyl Acetate	6.342	43	333619	59.463	ug/l	99
44) Trichloroethene	7.129	130	183550	56.585	ug/l	96
45) 1,2-Dichloropropane	7.434	63	153597	58.154	ug/l	97
46) Dibromomethane	7.580	93	116634	56.686	ug/l	96
47) Bromodichloromethane	7.824	83	245231	60.459	ug/l	99
48) Methyl methacrylate	7.696	41	159481	58.437	ug/l	97
49) 1,4-Dioxane	7.659	88	84994	1017.762	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1135037	304.165	ug/l	99
52) Toluene	8.720	92	411375	56.190	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	255472	61.283	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	272626	59.771	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	180971	59.406	ug/l	98
56) Ethyl methacrylate	9.116	69	267754	61.921	ug/l	99
57) 1,3-Dichloropropane	9.311	76	283567	58.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	534662	260.926	ug/l	93
59) 2-Hexanone	9.433	43	898476	309.381	ug/l	98
60) Dibromochloromethane	9.525	129	213976	61.716	ug/l	96
61) 1,2-Dibromoethane	9.610	107	190566	57.838	ug/l	98
64) Tetrachloroethene	9.275	164	166695	54.955	ug/l	98
65) Chlorobenzene	10.079	112	477846	57.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	194907	61.096	ug/l	98
67) Ethyl Benzene	10.195	91	813962	58.535	ug/l	97
68) m/p-Xylenes	10.305	106	660450	118.265	ug/l	96
69) o-Xylene	10.646	106	332368	60.221	ug/l	95
70) Styrene	10.659	104	565163	61.529	ug/l	99
71) Bromoform	10.799	173	180054	65.374	ug/l #	100
73) Isopropylbenzene	10.963	105	868623	57.568	ug/l	100
74) N-amyl acetate	10.848	43	298836	61.165	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	292542	57.513	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	334671	73.528	ug/l	90
77) Bromobenzene	11.201	156	228697	56.829	ug/l	91
78) n-propylbenzene	11.305	91	986339	58.775	ug/l	96
79) 2-Chlorotoluene	11.366	91	613957	57.880	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	753304	58.317	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	97617	62.920	ug/l	98
82) 4-Chlorotoluene	11.457	91	706649	58.196	ug/l	96
83) tert-Butylbenzene	11.713	119	787662	59.659	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	756589	58.678	ug/l	98
85) sec-Butylbenzene	11.890	105	954714	61.595	ug/l	99
86) p-Isopropyltoluene	12.012	119	830217	61.264	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	438123	57.764	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	441662	56.509	ug/l	99
89) n-Butylbenzene	12.335	91	677444	61.604	ug/l	98
90) Hexachloroethane	12.542	117	152506	61.896	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	434817	58.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65939	58.060	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	281221	60.358	ug/l	99
94) Hexachlorobutadiene	13.725	225	120499	62.110	ug/l	95
95) Naphthalene	13.774	128	924333	62.039	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	279872	60.829	ug/l	96

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

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