

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017344.D
 Acq On : 10 Jul 2020 18:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 01:51:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	277852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427002	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170951	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	5.46	113	139042	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.70	98	500061	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.12	95	212272	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118581	44.114	ug/l	99
3) Chloromethane	1.31	50	138822	42.665	ug/l	99
4) Vinyl Chloride	1.39	62	134574	44.578	ug/l	99
5) Bromomethane	1.62	94	74882	46.949	ug/l	97
6) Chloroethane	1.70	64	86788	48.677	ug/l	97
7) Trichlorofluoromethane	1.91	101	236549	52.981	ug/l	99
8) Diethyl Ether	2.17	74	82564	54.924	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	132502	49.516	ug/l	97
10) Methyl Iodide	2.49	142	146539	42.439	ug/l	99
11) Tert butyl alcohol	3.02	59	186658	285.647	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129691	47.178	ug/l	97
13) Acrolein	2.28	56	94214	241.188	ug/l	99
14) Allyl chloride	2.70	41	237038	46.658	ug/l	97
15) Acrylonitrile	3.12	53	432257	275.168	ug/l	99
16) Acetone	2.42	43	360924	281.665	ug/l	98
17) Carbon Disulfide	2.55	76	333335	43.457	ug/l	99
18) Methyl Acetate	2.75	43	198797	59.430	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	499228	54.111	ug/l	99
20) Methylene Chloride	2.83	84	156529	53.314	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	146100	47.892	ug/l	99
22) Diisopropyl ether	3.82	45	489086	52.015	ug/l	97
23) Vinyl Acetate	3.79	43	2144855	265.456	ug/l	100
24) 1,1-Dichloroethane	3.67	63	267631	50.023	ug/l	99
25) 2-Butanone	4.64	43	596029	279.153	ug/l	99
26) 2,2-Dichloropropane	4.55	77	225230	47.413	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	171565	49.635	ug/l	100
28) Bromochloromethane	4.98	49	121260	46.576	ug/l	98
29) Tetrahydrofuran	5.09	42	384466	272.530	ug/l	98
30) Chloroform	5.18	83	287648	52.448	ug/l	98
31) Cyclohexane	5.54	56	211400	45.713	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	259678	51.412	ug/l	99
36) 1,1-Dichloropropene	5.77	75	197325	48.895	ug/l	98
37) Ethyl Acetate	4.79	43	229209	55.978	ug/l	99
38) Carbon Tetrachloride	5.75	117	238379	53.628	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	213941	47.646	ug/l	100
40) Benzene	6.11	78	597023	50.350	ug/l	99
41) Methacrylonitrile	5.01	41	128451	55.738	ug/l	99
42) 1,2-Dichloroethane	6.16	62	234252	54.693	ug/l	100
43) Isopropyl Acetate	6.42	43	376161	55.284	ug/l	99
44) Trichloroethene	7.19	130	174612	53.385	ug/l	95
45) 1,2-Dichloropropane	7.49	63	157663	51.769	ug/l	99
46) Dibromomethane	7.64	93	114025	54.840	ug/l	96
47) Bromodichloromethane	7.88	83	240001	56.011	ug/l	98
48) Methyl methacrylate	7.74	41	190456	58.917	ug/l	98
49) 1,4-Dioxane	7.71	88	75614	1032.503	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1216152	299.846	ug/l	99
52) Toluene	8.76	92	394130	53.238	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	262376	55.497	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	275928	54.445	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	172889	57.159	ug/l	98
56) Ethyl methacrylate	9.16	69	260003	60.393	ug/l	99
57) 1,3-Dichloropropane	9.35	76	281659	55.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	591199	275.921	ug/l	99
59) 2-Hexanone	9.48	43	941942	317.990	ug/l	99
60) Dibromochloromethane	9.57	129	209809	59.722	ug/l	99
61) 1,2-Dibromoethane	9.65	107	184883	56.865	ug/l	100
64) Tetrachloroethene	9.32	164	167342	48.743	ug/l	97
65) Chlorobenzene	10.12	112	450525	51.315	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	185076	54.698	ug/l	98
67) Ethyl Benzene	10.23	91	773446	52.751	ug/l	100
68) m/p-Xylenes	10.34	106	599701	106.522	ug/l	98
69) o-Xylene	10.68	106	289273	54.013	ug/l	98
70) Styrene	10.70	104	516352	56.617	ug/l	100
71) Bromoform	10.84	173	163346	60.878	ug/l	100
73) Isopropylbenzene	11.00	105	796864	52.669	ug/l	100
74) N-amyl acetate	10.88	43	358889	55.593	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	251038	52.749	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	245378m	54.023	ug/l	
77) Bromobenzene	11.24	156	216274	52.012	ug/l	97
78) n-propylbenzene	11.34	91	894082	52.258	ug/l	100
79) 2-Chlorotoluene	11.40	91	545137	52.647	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	682997	54.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	91473	52.152	ug/l	96
82) 4-Chlorotoluene	11.49	91	648812	52.415	ug/l	100
83) tert-Butylbenzene	11.76	119	672215	54.566	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	700206	54.998	ug/l	99
85) sec-Butylbenzene	11.93	105	768855	53.094	ug/l	100
86) p-Isopropyltoluene	12.05	119	728187	54.017	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	381771	50.552	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	386000	54.215	ug/l	99
89) n-Butylbenzene	12.37	91	610108	50.686	ug/l	100
90) Hexachloroethane	12.58	117	138524	52.107	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	366121	51.864	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61989	54.601	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	251924	52.285	ug/l	97
94) Hexachlorobutadiene	13.77	225	97678	53.359	ug/l	98
95) Naphthalene	13.82	128	841829	57.470	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	256559	55.021	ug/l	99

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

