

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017139.D
 Acq On : 02 Jul 2020 10:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 03 00:57:37 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	5.63	168	251663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	377274	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	364204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201829	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	147483	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
35) Dibromofluoromethane	5.46	113	117185	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
50) Toluene-d8	8.70	98	434029	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.12	95	174271	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	116610	47.895	ug/l	99
3) Chloromethane	1.31	50	124879	42.374	ug/l	99
4) Vinyl Chloride	1.39	62	120037	43.900	ug/l	98
5) Bromomethane	1.62	94	66063	45.730	ug/l	99
6) Chloroethane	1.71	64	72230	44.727	ug/l	98
7) Trichlorofluoromethane	1.92	101	198982	49.205	ug/l	97
8) Diethyl Ether	2.17	74	66366	48.784	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	106154	43.798	ug/l	96
10) Methyl Iodide	2.49	142	146365	46.800	ug/l	98
11) Tert butyl alcohol	3.01	59	129207	218.305	ug/l	98
12) 1,1-Dichloroethene	2.35	96	100164	40.229	ug/l	93
13) Acrolein	2.27	56	80780	228.317	ug/l	97
14) Allyl chloride	2.70	41	198079	43.047	ug/l	97
15) Acrylonitrile	3.11	53	319956	224.875	ug/l	99
16) Acetone	2.42	43	245703	211.700	ug/l	97
17) Carbon Disulfide	2.55	76	319175	45.940	ug/l	98
18) Methyl Acetate	2.75	43	137330	45.326	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	396303	47.425	ug/l	99
20) Methylene Chloride	2.83	84	129784	48.738	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	128747	46.595	ug/l	95
22) Diisopropyl ether	3.82	45	395471	46.436	ug/l	96
23) Vinyl Acetate	3.78	43	1740364	237.810	ug/l	99
24) 1,1-Dichloroethane	3.67	63	221833	45.778	ug/l	99
25) 2-Butanone	4.63	43	423609	219.045	ug/l	99
26) 2,2-Dichloropropane	4.55	77	200503	46.600	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	140534	44.888	ug/l	100
28) Bromochloromethane	4.98	49	106413	45.127	ug/l	98
29) Tetrahydrofuran	5.09	42	278634	218.064	ug/l	98
30) Chloroform	5.18	83	232237	46.751	ug/l	98
31) Cyclohexane	5.54	56	191335	45.680	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	213635	46.698	ug/l	99
36) 1,1-Dichloropropene	5.76	75	171630	48.134	ug/l	99
37) Ethyl Acetate	4.79	43	168841	46.670	ug/l	99
38) Carbon Tetrachloride	5.75	117	197297	50.237	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	201818	50.870	ug/l	96
40) Benzene	6.11	78	504568	48.161	ug/l	100
41) Methacrylonitrile	5.00	41	94719	46.518	ug/l	99
42) 1,2-Dichloroethane	6.16	62	190279	50.282	ug/l	99
43) Isopropyl Acetate	6.41	43	278376	46.306	ug/l	99
44) Trichloroethene	7.19	130	146078	50.532	ug/l	97
45) 1,2-Dichloropropane	7.49	63	129758	48.222	ug/l	100
46) Dibromomethane	7.63	93	90860	49.459	ug/l	97
47) Bromodichloromethane	7.87	83	189703	50.108	ug/l	96
48) Methyl methacrylate	7.74	41	141201	49.438	ug/l	98
49) 1,4-Dioxane	7.71	88	61870	956.186	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	864958	241.367	ug/l	100
52) Toluene	8.76	92	325391	49.746	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	206240	49.374	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	221422	49.449	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	133417	49.923	ug/l	98
56) Ethyl methacrylate	9.16	69	191468	50.336	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218718	48.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	496655	262.348	ug/l	100
59) 2-Hexanone	9.47	43	653246	249.597	ug/l	99
60) Dibromochloromethane	9.56	129	159872	51.506	ug/l	99
61) 1,2-Dibromoethane	9.65	107	143590	49.986	ug/l	98
64) Tetrachloroethene	9.32	164	142857	48.601	ug/l	97
65) Chlorobenzene	10.12	112	353468	47.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	140668	48.558	ug/l	99
67) Ethyl Benzene	10.23	91	623676	49.682	ug/l	99
68) m/p-Xylenes	10.34	106	485278	100.678	ug/l	99
69) o-Xylene	10.68	106	228294	49.788	ug/l	99
70) Styrene	10.69	104	407721	52.216	ug/l	99
71) Bromoform	10.84	173	122888	53.494	ug/l	# 99
73) Isopropylbenzene	11.00	105	623688	47.178	ug/l	99
74) N-amyl acetate	10.88	43	254153	45.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	181887	43.739	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	178602m	45.001	ug/l	
77) Bromobenzene	11.24	156	169427	46.631	ug/l	97
78) n-propylbenzene	11.34	91	715083	47.833	ug/l	99
79) 2-Chlorotoluene	11.40	91	432186	47.767	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	541667	49.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	67328	43.931	ug/l	94
82) 4-Chlorotoluene	11.49	91	522053	48.267	ug/l	100
83) tert-Butylbenzene	11.76	119	513439	47.697	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	553488	49.753	ug/l	100
85) sec-Butylbenzene	11.93	105	615134	48.615	ug/l	100
86) p-Isopropyltoluene	12.05	119	583313	49.520	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	301853	45.743	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	304132	48.867	ug/l	99
89) n-Butylbenzene	12.37	91	501405	47.672	ug/l	99
90) Hexachloroethane	12.58	117	106626	45.902	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	283918	46.029	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41739	42.075	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	196706	46.722	ug/l	97
94) Hexachlorobutadiene	13.76	225	79530	49.778	ug/l	96
95) Naphthalene	13.82	128	608898	47.572	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	196134	48.138	ug/l	98

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

