

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016135.D
 Acq On : 08 May 2020 20:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 09 05:40:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	441976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	213616	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	175597	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
35) Dibromofluoromethane	5.47	113	137432	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	8.70	98	534575	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.12	95	208031	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	147624	51.141	ug/l	99
3) Chloromethane	1.31	50	150475	44.886	ug/l	99
4) Vinyl Chloride	1.39	62	173012	48.373	ug/l	99
5) Bromomethane	1.62	94	63466	35.198	ug/l	95
6) Chloroethane	1.70	64	105393	48.430	ug/l	99
7) Trichlorofluoromethane	1.91	101	226116	48.155	ug/l	99
8) Diethyl Ether	2.17	74	92585	46.797	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134327	49.585	ug/l	99
10) Methyl Iodide	2.49	142	107837	29.635	ug/l	100
11) Tert butyl alcohol	3.02	59	223321	246.088	ug/l	100
12) 1,1-Dichloroethene	2.35	96	136246	48.060	ug/l	95
13) Acrolein	2.27	56	89806	158.145	ug/l	100
14) Allyl chloride	2.71	41	255075	49.072	ug/l	98
15) Acrylonitrile	3.12	53	479757	254.840	ug/l	99
16) Acetone	2.42	43	394499	246.372	ug/l	96
17) Carbon Disulfide	2.55	76	405840	47.661	ug/l	99
18) Methyl Acetate	2.75	43	205122	52.100	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	500709	51.235	ug/l	100
20) Methylene Chloride	2.84	84	158536	48.028	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	152598	48.303	ug/l	99
22) Diisopropyl ether	3.82	45	497417	50.724	ug/l	99
23) Vinyl Acetate	3.79	43	2235193	259.080	ug/l	100
24) 1,1-Dichloroethane	3.67	63	278781	50.820	ug/l	99
25) 2-Butanone	4.64	43	666809	258.429	ug/l	100
26) 2,2-Dichloropropane	4.56	77	223888	44.691	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	173733	50.303	ug/l	98
28) Bromochloromethane	4.98	49	123309	49.297	ug/l	100
29) Tetrahydrofuran	5.09	42	436861	255.524	ug/l	100
30) Chloroform	5.18	83	277376	50.784	ug/l	98
31) Cyclohexane	5.55	56	248438	49.833	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	252269	50.812	ug/l	100
36) 1,1-Dichloropropene	5.78	75	211972	48.722	ug/l	98
37) Ethyl Acetate	4.80	43	252761	50.126	ug/l	100
38) Carbon Tetrachloride	5.76	117	220107	49.774	ug/l	95

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39) Methylcyclohexane	7.45	83	247664	47.270	ug/l	99
40) Benzene	6.12	78	631706	49.624	ug/l	100
41) Methacrylonitrile	5.01	41	138563	50.882	ug/l	99
42) 1,2-Dichloroethane	6.17	62	224542	48.966	ug/l	100
43) Isopropyl Acetate	6.42	43	403642	50.170	ug/l	100
44) Trichloroethene	7.19	130	188038	41.579	ug/l	97
45) 1,2-Dichloropropane	7.49	63	165328	51.327	ug/l	99
46) Dibromomethane	7.64	93	107518	49.119	ug/l	98
47) Bromodichloromethane	7.88	83	228207	51.189	ug/l	98
48) Methyl methacrylate	7.75	41	192959	50.614	ug/l	98
49) 1,4-Dioxane	7.71	88	87186	953.555	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1279723	259.928	ug/l	99
52) Toluene	8.77	92	398254	50.192	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	261544	49.205	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	275177	49.563	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	162066	51.915	ug/l	98
56) Ethyl methacrylate	9.16	69	267493	52.494	ug/l	97
57) 1,3-Dichloropropane	9.35	76	278392	51.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	684186	252.203	ug/l	99
59) 2-Hexanone	9.48	43	997845	258.078	ug/l	99
60) Dibromochloromethane	9.57	129	180989	52.641	ug/l	100
61) 1,2-Dibromoethane	9.66	107	172401	50.984	ug/l	99
64) Tetrachloroethene	9.32	164	210000	40.646	ug/l	94
65) Chlorobenzene	10.12	112	430014	48.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	164172	50.404	ug/l	99
67) Ethyl Benzene	10.24	91	766800	48.768	ug/l	100
68) m/p-Xylenes	10.34	106	581406	98.694	ug/l	99
69) o-Xylene	10.68	106	280403	49.518	ug/l	100
70) Styrene	10.69	104	489346	50.938	ug/l	100
71) Bromoform	10.84	173	140305	52.872	ug/l #	97
73) Isopropylbenzene	11.01	105	755868	48.649	ug/l	99
74) N-amyl acetate	10.88	43	354345	48.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	209683	66.045	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	234094m	48.292	ug/l	
77) Bromobenzene	11.24	156	190337	47.461	ug/l	98
78) n-propylbenzene	11.35	91	871941	48.240	ug/l	100
79) 2-Chlorotoluene	11.41	91	515856	48.350	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	638125	48.643	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	97451	47.908	ug/l	99
82) 4-Chlorotoluene	11.49	91	612478	48.613	ug/l	100
83) tert-Butylbenzene	11.76	119	566374	50.097	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	643572	48.525	ug/l	100
85) sec-Butylbenzene	11.93	105	730037	47.826	ug/l	99
86) p-Isopropyltoluene	12.05	119	675803	47.685	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	340100	47.231	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	347408	47.534	ug/l	99
89) n-Butylbenzene	12.37	91	602706	46.551	ug/l	100
90) Hexachloroethane	12.58	117	119506	49.099	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	324723	46.833	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62469	48.897	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	237769	46.318	ug/l	99
94) Hexachlorobutadiene	13.77	225	91732	41.588	ug/l	100
95) Naphthalene	13.82	128	804248	48.384	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	233615	46.565	ug/l	99

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

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