

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016267.D
 Acq On : 15 May 2020 05:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 10:10:49 AM

Quant Time: May 15 07:18:26 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	5.64	168	203252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	368664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	151929	56.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.60%	
35) Dibromofluoromethane	5.47	113	119442	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	8.70	98	447051	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.12	95	177962	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	83312	38.725	ug/l	98
3) Chloromethane	1.31	50	129557	51.855	ug/l	98
4) Vinyl Chloride	1.39	62	123418	46.300	ug/l	100
5) Bromomethane	1.62	94	61661	45.884	ug/l	96
6) Chloroethane	1.70	64	81618	50.323	ug/l	100
7) Trichlorofluoromethane	1.91	101	140910	40.266	ug/l	99
8) Diethyl Ether	2.17	74	83121	56.372	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	73545	36.426	ug/l	97
10) Methyl Iodide	2.49	142	113556	41.872	ug/l	98
11) Tert butyl alcohol	3.02	59	194316	287.307	ug/l	100
12) 1,1-Dichloroethene	2.36	96	95310	45.110	ug/l	98
13) Acrolein	2.27	56	135913	321.135	ug/l	99
14) Allyl chloride	2.70	41	193143	49.857	ug/l	95
15) Acrylonitrile	3.12	53	422561	301.171	ug/l	99
16) Acetone	2.42	43	342250	286.791	ug/l	97
17) Carbon Disulfide	2.55	76	266444	41.960	ug/l	98
18) Methyl Acetate	2.75	43	194556	66.306	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	439195	60.300	ug/l	99
20) Methylene Chloride	2.84	84	133988	54.464	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	116189	49.348	ug/l	99
22) Diisopropyl ether	3.82	45	416666	57.011	ug/l	97
23) Vinyl Acetate	3.79	43	1841040	286.325	ug/l	98
24) 1,1-Dichloroethane	3.67	63	226180	55.323	ug/l	99
25) 2-Butanone	4.64	43	583660	303.513	ug/l	98
26) 2,2-Dichloropropane	4.55	77	125142	33.517	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	142774	55.467	ug/l	94
28) Bromochloromethane	4.98	49	110932	59.506	ug/l	97
29) Tetrahydrofuran	5.09	42	382182	299.941	ug/l	98
30) Chloroform	5.18	83	231507	56.873	ug/l	99
31) Cyclohexane	5.55	56	142683	38.402	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	185569	50.152	ug/l	98
36) 1,1-Dichloropropene	5.77	75	146751	40.439	ug/l	99
37) Ethyl Acetate	4.79	43	217102	51.616	ug/l	99
38) Carbon Tetrachloride	5.76	117	154062	41.767	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	137324	31.422	ug/l	99
40) Benzene	6.12	78	515602	48.558	ug/l	100
41) Methacrylonitrile	5.01	41	116887	51.458	ug/l	97
42) 1,2-Dichloroethane	6.17	62	189590	49.566	ug/l	99
43) Isopropyl Acetate	6.42	43	344797	51.378	ug/l	98
44) Trichloroethene	7.19	130	156045	41.366	ug/l	99
45) 1,2-Dichloropropane	7.49	63	138745	51.640	ug/l	99
46) Dibromomethane	7.64	93	92922	50.892	ug/l	100
47) Bromodichloromethane	7.88	83	193425	52.015	ug/l	97
48) Methyl methacrylate	7.74	41	163381	51.378	ug/l	95
49) 1,4-Dioxane	7.72	88	74689	979.318	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1118776	272.426	ug/l	98
52) Toluene	8.77	92	321814	48.623	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	210657	47.512	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	221319	47.790	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	140487	53.951	ug/l	99
56) Ethyl methacrylate	9.16	69	235046	55.299	ug/l	94
57) 1,3-Dichloropropane	9.35	76	241319	53.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	624450	275.957	ug/l	100
59) 2-Hexanone	9.48	43	866316	268.617	ug/l	97
60) Dibromochloromethane	9.57	129	156097	54.429	ug/l	100
61) 1,2-Dibromoethane	9.65	107	148949	52.808	ug/l	99
64) Tetrachloroethene	9.32	164	175008	39.848	ug/l	98
65) Chlorobenzene	10.12	112	349077	46.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	137658	49.719	ug/l	100
67) Ethyl Benzene	10.24	91	598222	44.758	ug/l	99
68) m/p-Xylenes	10.34	106	457808	91.422	ug/l	100
69) o-Xylene	10.68	106	226451	47.045	ug/l	99
70) Styrene	10.70	104	401939	49.220	ug/l	99
71) Bromoform	10.84	173	123250	54.638	ug/l #	98
73) Isopropylbenzene	11.00	105	562926	42.861	ug/l	99
74) N-amyl acetate	10.88	43	295772	48.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	174138	65.038	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	203647m	49.699	ug/l	
77) Bromobenzene	11.24	156	158237	46.677	ug/l	99
78) n-propylbenzene	11.35	91	634560	41.531	ug/l	99
79) 2-Chlorotoluene	11.40	91	407500	45.183	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	491184	44.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	76632	44.567	ug/l	96
82) 4-Chlorotoluene	11.49	91	480732	45.138	ug/l	100
83) tert-Butylbenzene	11.76	119	421618	44.118	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	508133	45.324	ug/l	99
85) sec-Butylbenzene	11.93	105	516533	40.031	ug/l	99
86) p-Isopropyltoluene	12.05	119	492495	41.110	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	273205	44.883	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	274228	44.387	ug/l	99
89) n-Butylbenzene	12.37	91	413527	37.784	ug/l	100
90) Hexachloroethane	12.58	117	88410	42.970	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	270667	46.180	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53545	49.581	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	186842	43.057	ug/l	96
94) Hexachlorobutadiene	13.77	225	65816	35.378	ug/l	99
95) Naphthalene	13.82	128	678714	48.304	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	188166	44.369	ug/l	100

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

