

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015829.D
 Acq On : 22 Apr 2020 05:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:00:32 AM

Quant Time: Apr 22 07:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	833662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1289478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1210955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	657997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	540089	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
35) Dibromofluoromethane	5.47	113	424952	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.70	98	1623405	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	11.12	95	676217	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	291612	39.704	ug/l	100
3) Chloromethane	1.31	50	339695	36.318	ug/l	98
4) Vinyl Chloride	1.39	62	401439	46.741	ug/l	97
5) Bromomethane	1.62	94	128783	29.158	ug/l	97
6) Chloroethane	1.71	64	256935	48.236	ug/l	99
7) Trichlorofluoromethane	1.92	101	578306	50.209	ug/l	99
8) Diethyl Ether	2.17	74	241782	49.768	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	383008	51.009	ug/l	96
10) Methyl Iodide	2.49	142	425737	42.055	ug/l	96
11) Tert butyl alcohol	3.02	59	592482	210.524	ug/l	100
12) 1,1-Dichloroethene	2.36	96	388813	49.400	ug/l	98
13) Acrolein	2.28	56	441478	275.380	ug/l	99
14) Allyl chloride	2.71	41	851566	46.305	ug/l	95
15) Acrylonitrile	3.12	53	1399014	260.665	ug/l	99
16) Acetone	2.42	43	1171215	231.857	ug/l	95
17) Carbon Disulfide	2.55	76	959391	39.958	ug/l	100
18) Methyl Acetate	2.75	43	715185	55.472	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1576114	51.633	ug/l	100
20) Methylene Chloride	2.84	84	471534	49.975	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	432122	49.471	ug/l	99
22) Diisopropyl ether	3.83	45	1686036	51.739	ug/l	96
23) Vinyl Acetate	3.79	43	7264119	246.199	ug/l	100
24) 1,1-Dichloroethane	3.67	63	863515	50.328	ug/l	98
25) 2-Butanone	4.64	43	1990080	244.969	ug/l	99
26) 2,2-Dichloropropane	4.56	77	542857	38.546	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	531113	52.555	ug/l	96
28) Bromochloromethane	4.98	49	374970	45.773	ug/l	93
29) Tetrahydrofuran	5.09	42	1294331	247.833	ug/l	98
30) Chloroform	5.19	83	861307	52.177	ug/l	97
31) Cyclohexane	5.56	56	735077	49.386	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	764504	51.174	ug/l	98
36) 1,1-Dichloropropene	5.78	75	621947	52.348	ug/l	98
37) Ethyl Acetate	4.80	43	780947	50.481	ug/l	99
38) Carbon Tetrachloride	5.76	117	634451	49.303	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	706648	51.584	ug/l	96
40) Benzene	6.12	78	1904270	54.716	ug/l	98
41) Methacrylonitrile	5.01	41	461091	53.692	ug/l	97
42) 1,2-Dichloroethane	6.17	62	704080	50.365	ug/l	97
43) Isopropyl Acetate	6.42	43	1355535	51.906	ug/l	98
44) Trichloroethene	7.19	130	671452	70.741	ug/l	92
45) 1,2-Dichloropropane	7.50	63	519837	54.601	ug/l	96
46) Dibromomethane	7.64	93	354591	56.777	ug/l	93
47) Bromodichloromethane	7.88	83	698017	52.452	ug/l	97
48) Methyl methacrylate	7.75	41	661222	50.691	ug/l	94
49) 1,4-Dioxane	7.72	88	229973	945.073	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4004484	270.575	ug/l	98
52) Toluene	8.77	92	1237359	57.667	ug/l	96
53) t-1,3-Dichloropropene	9.03	75	797863	51.121	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	840028	52.836	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	509943	58.007	ug/l	96
56) Ethyl methacrylate	9.16	69	872710	56.329	ug/l	93
57) 1,3-Dichloropropane	9.36	76	867972	54.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1844625	244.779	ug/l	98
59) 2-Hexanone	9.48	43	3023098	270.556	ug/l	97
60) Dibromochloromethane	9.57	129	544316	51.528	ug/l	98
61) 1,2-Dibromoethane	9.65	107	531317	55.584	ug/l	99
64) Tetrachloroethene	9.32	164	879261	96.212	ug/l	95
65) Chlorobenzene	10.12	112	1340921	55.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	534465	55.396	ug/l	99
67) Ethyl Benzene	10.24	91	2363104	55.171	ug/l	98
68) m/p-Xylenes	10.34	106	1758077	110.229	ug/l	98
69) o-Xylene	10.68	106	876992	55.645	ug/l	100
70) Styrene	10.70	104	1576882	56.858	ug/l	97
71) Bromoform	10.84	173	395168	44.992	ug/l #	95
73) Isopropylbenzene	11.00	105	2372443	55.028	ug/l	100
74) N-amyl acetate	10.88	43	1246889	52.000	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	539937	36.498	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	735400m	54.349	ug/l	
77) Bromobenzene	11.24	156	665773	57.894	ug/l	92
78) n-propylbenzene	11.34	91	2639764	53.546	ug/l	98
79) 2-Chlorotoluene	11.40	91	1608162	53.221	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	2019181	54.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	265009	46.993	ug/l	95
82) 4-Chlorotoluene	11.50	91	1899922	53.635	ug/l	98
83) tert-Butylbenzene	11.76	119	1839362	51.142	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	2068581	55.131	ug/l	99
85) sec-Butylbenzene	11.93	105	2342965	56.328	ug/l	99
86) p-Isopropyltoluene	12.05	119	2179676	56.446	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1145101	55.622	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1154342	55.047	ug/l	99
89) n-Butylbenzene	12.37	91	1876894	53.786	ug/l	99
90) Hexachloroethane	12.58	117	260882	34.711	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1113778	55.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	161322	38.636	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	894742	56.144	ug/l	98
94) Hexachlorobutadiene	13.77	225	372739	49.126	ug/l	93
95) Naphthalene	13.82	128	2634743	54.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	879277	57.306	ug/l	99

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

