

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015879.D
 Acq On : 23 Apr 2020 10:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:06:23 AM

Quant Time: Apr 24 04:13:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	913669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1335997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1258493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	657736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	494847	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.47	113	393299	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	8.70	98	1553552	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.12	95	640716	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	457965	58.557	ug/l	99
3) Chloromethane	1.31	50	400865	50.047	ug/l	97
4) Vinyl Chloride	1.39	62	466997	50.371	ug/l	99
5) Bromomethane	1.62	94	173959	55.945	ug/l	96
6) Chloroethane	1.71	64	266341	50.413	ug/l	98
7) Trichlorofluoromethane	1.92	101	618717	53.788	ug/l	96
8) Diethyl Ether	2.17	74	229716	49.246	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	398610	51.084	ug/l	99
10) Methyl Iodide	2.49	142	404914	42.002	ug/l	99
11) Tert butyl alcohol	3.01	59	492321	231.877	ug/l	100
12) 1,1-Dichloroethene	2.36	96	402070	50.242	ug/l	96
13) Acrolein	2.27	56	236101	187.934	ug/l	100
14) Allyl chloride	2.70	41	844677	49.671	ug/l	99
15) Acrylonitrile	3.11	53	1205241	244.556	ug/l	100
16) Acetone	2.42	43	920555	203.447	ug/l	99
17) Carbon Disulfide	2.55	76	1037775	35.710	ug/l	99
18) Methyl Acetate	2.75	43	691714	46.307	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1461711	51.739	ug/l	98
20) Methylene Chloride	2.83	84	453284	49.347	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	442455	49.831	ug/l	97
22) Diisopropyl ether	3.83	45	1569274	51.199	ug/l	99
23) Vinyl Acetate	3.78	43	6411384	252.739	ug/l	100
24) 1,1-Dichloroethane	3.67	63	815647	51.056	ug/l	99
25) 2-Butanone	4.63	43	1634816	228.587	ug/l	99
26) 2,2-Dichloropropane	4.55	77	738397	51.743	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	512327	50.824	ug/l	99
28) Bromochloromethane	4.98	49	380407	45.381	ug/l #	98
29) Tetrahydrofuran	5.09	42	1114911	235.687	ug/l	99
30) Chloroform	5.17	83	801501	49.865	ug/l	99
31) Cyclohexane	5.55	56	775955	51.109	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	729611	50.911	ug/l	100
36) 1,1-Dichloropropene	5.77	75	626194	52.871	ug/l	100
37) Ethyl Acetate	4.79	43	678383	48.127	ug/l	99
38) Carbon Tetrachloride	5.76	117	646030	55.376	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	797745	53.188	ug/l	97
40) Benzene	6.11	78	1837379	51.508	ug/l	100
41) Methacrylonitrile	5.00	41	405667	51.792	ug/l	99
42) 1,2-Dichloroethane	6.16	62	657207	51.163	ug/l	99
43) Isopropyl Acetate	6.41	43	1193195	50.182	ug/l	99
44) Trichloroethene	7.19	130	641845	51.199	ug/l	92
45) 1,2-Dichloropropane	7.49	63	486947	52.089	ug/l	99
46) Dibromomethane	7.64	93	324187	47.505	ug/l	98
47) Bromodichloromethane	7.87	83	656639	54.088	ug/l	98
48) Methyl methacrylate	7.75	41	587859	50.262	ug/l	99
49) 1,4-Dioxane	7.72	88	205310	928.835	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	3420173	249.203	ug/l	100
52) Toluene	8.76	92	1197857	52.388	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	807892	53.633	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	834596	52.423	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	471408	52.800	ug/l	98
56) Ethyl methacrylate	9.16	69	773493	51.147	ug/l	99
57) 1,3-Dichloropropane	9.36	76	812089	52.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1932613	255.810	ug/l	99
59) 2-Hexanone	9.47	43	2546341	243.544	ug/l	99
60) Dibromochloromethane	9.57	129	512091	55.540	ug/l	99
61) 1,2-Dibromoethane	9.65	107	499542	50.624	ug/l	98
64) Tetrachloroethene	9.32	164	827704	48.794	ug/l	97
65) Chlorobenzene	10.12	112	1312178	52.141	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	489341	52.019	ug/l	96
67) Ethyl Benzene	10.23	91	2347029	53.108	ug/l	98
68) m/p-Xylenes	10.34	106	1778312	107.205	ug/l	98
69) o-Xylene	10.68	106	857082	52.506	ug/l	99
70) Styrene	10.70	104	1513439	53.546	ug/l	100
71) Bromoform	10.84	173	381949	62.310	ug/l #	98
73) Isopropylbenzene	11.00	105	2312677	55.363	ug/l	99
74) N-amyl acetate	10.88	43	1109691	51.458	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	469063	53.058	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	657827m	52.595	ug/l	
77) Bromobenzene	11.24	156	623726	54.647	ug/l	99
78) n-propylbenzene	11.34	91	2659402	55.575	ug/l	100
79) 2-Chlorotoluene	11.40	91	1587349	55.223	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1997560	56.081	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	265930	51.146	ug/l #	85
82) 4-Chlorotoluene	11.49	91	1865271	54.609	ug/l	99
83) tert-Butylbenzene	11.76	119	1772191	56.091	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2035221	55.037	ug/l	100
85) sec-Butylbenzene	11.93	105	2293525	55.067	ug/l	99
86) p-Isopropyltoluene	12.05	119	2208807	56.715	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1102101	52.602	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1118688	53.339	ug/l	95
89) n-Butylbenzene	12.37	91	1925356	55.294	ug/l	99
90) Hexachloroethane	12.58	117	317708	77.222	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1030998	51.883	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	135284	51.602	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	855036	54.610	ug/l	99
94) Hexachlorobutadiene	13.77	225	408709	58.220	ug/l	96
95) Naphthalene	13.82	128	2298946	51.035	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	816553	53.455	ug/l	98

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

