

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072820\
 Data File : VX017644.D
 Acq On : 28 Jul 2020 11:13
 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
 7/29/2020 10:49:18 AM

Quant Time: Jul 29 03:00:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	578568	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	856687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	842650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	437535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	369835	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	5.46	113	292588	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	8.70	98	1039805	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	413886	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	273869	51.042	ug/l	98
3) Chloromethane	1.31	50	301515	42.218	ug/l	100
4) Vinyl Chloride	1.39	62	294881	40.502	ug/l	98
5) Bromomethane	1.62	94	184425	46.942	ug/l	96
6) Chloroethane	1.71	64	179454	44.617	ug/l	97
7) Trichlorofluoromethane	1.91	101	501129	43.761	ug/l	98
8) Diethyl Ether	2.17	74	170186	45.723	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	261880	41.673	ug/l	98
10) Methyl Iodide	2.49	142	347945	43.278	ug/l	97
11) Tert butyl alcohol	3.01	59	329256	210.206	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246754	41.291	ug/l	98
13) Acrolein	2.27	56	324007	270.587	ug/l	99
14) Allyl chloride	2.70	41	482767	44.242	ug/l	99
15) Acrylonitrile	3.12	53	772311	228.283	ug/l	99
16) Acetone	2.42	43	667383	204.026	ug/l	96
17) Carbon Disulfide	2.55	76	752638	41.436	ug/l	99
18) Methyl Acetate	2.75	43	336191	43.639	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	954666	46.155	ug/l	97
20) Methylene Chloride	2.83	84	303157	49.188	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	291062	45.464	ug/l	99
22) Diisopropyl ether	3.82	45	951241	47.676	ug/l	97
23) Vinyl Acetate	3.78	43	4305629	242.027	ug/l	100
24) 1,1-Dichloroethane	3.67	63	525068	45.684	ug/l	99
25) 2-Butanone	4.63	43	1076956	231.758	ug/l	96
26) 2,2-Dichloropropane	4.54	77	477151	46.378	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	330521	47.533	ug/l	97
28) Bromochloromethane	4.98	49	256044	49.160	ug/l	99
29) Tetrahydrofuran	5.09	42	690860	240.015	ug/l	99
30) Chloroform	5.17	83	562727	47.917	ug/l	98
31) Cyclohexane	5.54	56	440557	48.067	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	521232	47.067	ug/l	99
36) 1,1-Dichloropropene	5.77	75	405172	49.313	ug/l	100
37) Ethyl Acetate	4.79	43	427915	47.599	ug/l	100
38) Carbon Tetrachloride	5.75	117	485512	48.660	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	458078	47.758	ug/l	98
40) Benzene	6.11	78	1162918	49.368	ug/l	99
41) Methacrylonitrile	5.00	41	243329	47.221	ug/l	98
42) 1,2-Dichloroethane	6.16	62	483656	50.188	ug/l	100
43) Isopropyl Acetate	6.41	43	711691	47.980	ug/l	99
44) Trichloroethene	7.19	130	345938	50.252	ug/l	97
45) 1,2-Dichloropropane	7.49	63	310096	47.487	ug/l	98
46) Dibromomethane	7.63	93	221958	48.096	ug/l	99
47) Bromodichloromethane	7.87	83	465628	50.144	ug/l	97
48) Methyl methacrylate	7.74	41	356046	48.425	ug/l	98
49) 1,4-Dioxane	7.71	88	139450	989.243	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2220422	250.887	ug/l	98
52) Toluene	8.76	92	750394	49.672	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	530564	51.042	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	542568	51.174	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	319512	50.771	ug/l	99
56) Ethyl methacrylate	9.16	69	488985	51.574	ug/l	100
57) 1,3-Dichloropropane	9.35	76	529528	51.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1257428	251.732	ug/l	99
59) 2-Hexanone	9.47	43	1684351	252.782	ug/l	99
60) Dibromochloromethane	9.57	129	402078	50.268	ug/l	98
61) 1,2-Dibromoethane	9.65	107	356697	53.238	ug/l	99
64) Tetrachloroethene	9.32	164	361779	47.835	ug/l	96
65) Chlorobenzene	10.12	112	868831	47.635	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	356495	48.429	ug/l	100
67) Ethyl Benzene	10.23	91	1500904	49.297	ug/l	95
68) m/p-Xylenes	10.34	106	1154468	97.879	ug/l	98
69) o-Xylene	10.68	106	554378	48.870	ug/l	99
70) Styrene	10.70	104	968387	50.173	ug/l	98
71) Bromoform	10.84	173	299340	46.936	ug/l #	98
73) Isopropylbenzene	11.00	105	1520118	50.644	ug/l	100
74) N-amyl acetate	10.88	43	661608	49.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	430959	45.999	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	430773m	47.862	ug/l	
77) Bromobenzene	11.24	156	411704	48.995	ug/l	98
78) n-propylbenzene	11.34	91	1720361	50.819	ug/l	99
79) 2-Chlorotoluene	11.40	91	1019404	48.611	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1283740	50.092	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	167615	46.927	ug/l	97
82) 4-Chlorotoluene	11.49	91	1223067	49.443	ug/l	100
83) tert-Butylbenzene	11.76	119	1238927	50.523	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1307700	51.303	ug/l	99
85) sec-Butylbenzene	11.93	105	1448042	50.691	ug/l	100
86) p-Isopropyltoluene	12.05	119	1382081	50.805	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	715269	49.568	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	728652	48.750	ug/l	99
89) n-Butylbenzene	12.37	91	1180683	48.707	ug/l	99
90) Hexachloroethane	12.58	117	251738	46.938	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	683910	48.223	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	112180	42.734	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	493425	50.978	ug/l	99
94) Hexachlorobutadiene	13.77	225	191588	43.000	ug/l	97
95) Naphthalene	13.82	128	1511292	52.304	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	480090	50.234	ug/l	98

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

