

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017715.D
 Acq On : 31 Jul 2020 21:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:33 PM

Quant Time: Aug 01 04:29:43 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	5.64	168	397906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	693820	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	681427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	382212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	332044	64.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.92%	
35) Dibromofluoromethane	5.47	113	261006	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
50) Toluene-d8	8.70	98	839222	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.12	95	341036	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120346	32.238	ug/l	100
3) Chloromethane	1.31	50	250325	50.888	ug/l	100
4) Vinyl Chloride	1.39	62	213372	42.613	ug/l	96
5) Bromomethane	1.62	94	152649	57.155	ug/l	98
6) Chloroethane	1.70	64	149906	54.359	ug/l	99
7) Trichlorofluoromethane	1.91	101	296225	37.613	ug/l	99
8) Diethyl Ether	2.17	74	160832	63.353	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	133276	30.837	ug/l	97
10) Methyl Iodide	2.49	142	289073	52.281	ug/l	96
11) Tert butyl alcohol	3.03	59	336645	312.505	ug/l	100
12) 1,1-Dichloroethene	2.36	96	183214	44.578	ug/l	96
13) Acrolein	2.28	56	301759	364.957	ug/l	98
14) Allyl chloride	2.71	41	417435	55.624	ug/l	99
15) Acrylonitrile	3.12	53	778052	334.398	ug/l	100
16) Acetone	2.42	43	704548	313.181	ug/l	98
17) Carbon Disulfide	2.55	76	526554	42.151	ug/l	100
18) Methyl Acetate	2.75	43	362878	68.490	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	882433	62.033	ug/l	100
20) Methylene Chloride	2.83	84	275646	65.455	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	233964	53.138	ug/l	97
22) Diisopropyl ether	3.83	45	862387	62.847	ug/l	97
23) Vinyl Acetate	3.79	43	3998183	326.787	ug/l	100
24) 1,1-Dichloroethane	3.67	63	464845	58.807	ug/l	99
25) 2-Butanone	4.64	43	1084850	339.454	ug/l	98
26) 2,2-Dichloropropane	4.55	77	357762	50.562	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	287599	60.139	ug/l	98
28) Bromochloromethane	4.98	49	228029	63.659	ug/l	98
29) Tetrahydrofuran	5.09	42	697386	352.286	ug/l	99
30) Chloroform	5.18	83	510367	63.189	ug/l	99
31) Cyclohexane	5.55	56	225203	35.727	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	409811	53.807	ug/l	99
36) 1,1-Dichloropropene	5.77	75	288008	43.281	ug/l	98
37) Ethyl Acetate	4.80	43	418846	57.527	ug/l	99
38) Carbon Tetrachloride	5.75	117	344092	42.581	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	196343	25.275	ug/l	95
40) Benzene	6.12	78	970919	50.893	ug/l	98
41) Methacrylonitrile	5.01	41	240168	57.548	ug/l	99
42) 1,2-Dichloroethane	6.17	62	429708	55.057	ug/l	99
43) Isopropyl Acetate	6.42	43	676705	56.331	ug/l	99
44) Trichloroethene	7.19	130	270836	48.578	ug/l	98
45) 1,2-Dichloropropane	7.49	63	270770	51.198	ug/l	99
46) Dibromomethane	7.64	93	199020	53.249	ug/l	98
47) Bromodichloromethane	7.88	83	407948	54.245	ug/l	100
48) Methyl methacrylate	7.75	41	330973	55.581	ug/l	97
49) 1,4-Dioxane	7.72	88	134194	1175.420	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2110905	294.501	ug/l	99
52) Toluene	8.77	92	614386	50.216	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	459771	54.614	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	462044	53.808	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	289518	56.804	ug/l	99
56) Ethyl methacrylate	9.16	69	441839	57.541	ug/l	99
57) 1,3-Dichloropropane	9.35	76	469176	55.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1084185	267.999	ug/l	98
59) 2-Hexanone	9.48	43	1575853	292.014	ug/l	100
60) Dibromochloromethane	9.57	129	357118	55.127	ug/l	99
61) 1,2-Dibromoethane	9.65	107	313280	57.734	ug/l	100
64) Tetrachloroethene	9.32	164	259483	42.427	ug/l	97
65) Chlorobenzene	10.12	112	710095	48.143	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	310359	52.137	ug/l	97
67) Ethyl Benzene	10.24	91	1155984	46.951	ug/l	99
68) m/p-Xylenes	10.34	106	875453	91.784	ug/l	95
69) o-Xylene	10.68	106	437490	47.690	ug/l	99
70) Styrene	10.70	104	798638	51.168	ug/l	99
71) Bromoform	10.84	173	281436	54.570	ug/l #	99
73) Isopropylbenzene	11.00	105	1107501	42.238	ug/l	99
74) N-amyl acetate	10.88	43	564893	48.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	401103	49.009	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	397050m	50.501	ug/l	
77) Bromobenzene	11.24	156	341902	46.578	ug/l	98
78) n-propylbenzene	11.35	91	1273200	43.054	ug/l	99
79) 2-Chlorotoluene	11.40	91	853214	46.575	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1018354	45.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	151142	48.439	ug/l	99
82) 4-Chlorotoluene	11.49	91	1018415	47.129	ug/l	99
83) tert-Butylbenzene	11.76	119	907897	42.382	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1039196	46.670	ug/l	99
85) sec-Butylbenzene	11.93	105	994832	39.866	ug/l	99
86) p-Isopropyltoluene	12.05	119	1008379	42.433	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	583290	46.273	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	612620	46.920	ug/l	99
89) n-Butylbenzene	12.37	91	779886	36.830	ug/l	99
90) Hexachloroethane	12.58	117	202644	43.253	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	574624	46.382	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	108725	47.131	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	380275	44.975	ug/l	100
94) Hexachlorobutadiene	13.77	225	131265	33.726	ug/l	99
95) Naphthalene	13.82	128	1299462	51.483	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	412177	49.370	ug/l	100

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

