

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080420\
 Data File : VX017785.D
 Acq On : 04 Aug 2020 20:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/5/2020 2:51:28 PM

Quant Time: Aug 05 03:48:24 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	5.63	168	540238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	798006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	760379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411453	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	371742	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	5.47	113	279987	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
50) Toluene-d8	8.70	98	1061211	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
62) 4-Bromofluorobenzene	11.12	95	405261	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	222105	44.195	ug/l	99
3) Chloromethane	1.31	50	274706	41.202	ug/l	100
4) Vinyl Chloride	1.39	62	279865	41.167	ug/l	97
5) Bromomethane	1.62	94	162994	44.257	ug/l	99
6) Chloroethane	1.70	64	172023	45.824	ug/l	99
7) Trichlorofluoromethane	1.91	101	466030	43.583	ug/l	99
8) Diethyl Ether	2.17	74	167022	48.128	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	245711	41.874	ug/l	95
10) Methyl Iodide	2.49	142	295168	39.319	ug/l	95
11) Tert butyl alcohol	3.03	59	383170	261.982	ug/l	100
12) 1,1-Dichloroethene	2.36	96	235635	42.228	ug/l	99
13) Acrolein	2.28	56	258737	232.010	ug/l	100
14) Allyl chloride	2.71	41	472365	46.360	ug/l	98
15) Acrylonitrile	3.12	53	861427	272.690	ug/l	100
16) Acetone	2.42	43	781556	255.882	ug/l	95
17) Carbon Disulfide	2.55	76	636896	37.551	ug/l	99
18) Methyl Acetate	2.75	43	409032	56.862	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	931171	48.213	ug/l	98
20) Methylene Chloride	2.84	84	284429	49.430	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	272908	45.653	ug/l	98
22) Diisopropyl ether	3.83	45	879107	47.187	ug/l	97
23) Vinyl Acetate	3.79	43	3952051	237.914	ug/l	100
24) 1,1-Dichloroethane	3.67	63	495737	46.192	ug/l	99
25) 2-Butanone	4.64	43	1225303	282.391	ug/l	98
26) 2,2-Dichloropropane	4.55	77	347522	36.175	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	307038	47.288	ug/l	97
28) Bromochloromethane	4.98	49	233621	48.037	ug/l	99
29) Tetrahydrofuran	5.09	42	738501	274.770	ug/l	99
30) Chloroform	5.18	83	528985	48.239	ug/l	98
31) Cyclohexane	5.55	56	377690	44.131	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	489222	47.311	ug/l	100
36) 1,1-Dichloropropene	5.77	75	389350	50.872	ug/l	100
37) Ethyl Acetate	4.80	43	462540	55.234	ug/l	100
38) Carbon Tetrachloride	5.76	117	467080	50.255	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	373169	41.767	ug/l	98
40) Benzene	6.12	78	1116055	50.863	ug/l	100
41) Methacrylonitrile	5.01	41	252378	52.579	ug/l	98
42) 1,2-Dichloroethane	6.17	62	470454	52.408	ug/l	99
43) Isopropyl Acetate	6.42	43	748524	54.174	ug/l	99
44) Trichloroethene	7.19	130	310193	48.373	ug/l	97
45) 1,2-Dichloropropane	7.49	63	287802	47.314	ug/l	94
46) Dibromomethane	7.64	93	206832	48.114	ug/l	98
47) Bromodichloromethane	7.88	83	446807	51.656	ug/l	98
48) Methyl methacrylate	7.75	41	380893	55.613	ug/l	99
49) 1,4-Dioxane	7.72	88	127212	968.788	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2313124	280.581	ug/l	99
52) Toluene	8.77	92	702274	49.905	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	460427	47.552	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	518963	52.546	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	292802	49.948	ug/l	98
56) Ethyl methacrylate	9.16	69	456841	51.727	ug/l	99
57) 1,3-Dichloropropane	9.35	76	481673	49.900	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	1111173	238.810	ug/l	100
59) 2-Hexanone	9.48	43	1828117	294.533	ug/l	99
60) Dibromochloromethane	9.57	129	402388	54.006	ug/l	98
61) 1,2-Dibromoethane	9.65	107	340675	54.586	ug/l	100
64) Tetrachloroethene	9.32	164	293163	42.957	ug/l	96
65) Chlorobenzene	10.12	112	766196	46.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	328642	49.476	ug/l	100
67) Ethyl Benzene	10.24	91	1366407	49.735	ug/l	98
68) m/p-Xylenes	10.34	106	1008690	94.773	ug/l	99
69) o-Xylene	10.68	106	503341	49.171	ug/l	98
70) Styrene	10.70	104	867636	49.817	ug/l	100
71) Bromoform	10.84	173	292739	50.868	ug/l #	99
73) Isopropylbenzene	11.01	105	1445171	51.199	ug/l	98
74) N-amyl acetate	10.88	43	655262	52.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	454995	51.643	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	423714m	50.062	ug/l	
77) Bromobenzene	11.24	156	369604	46.773	ug/l	97
78) n-propylbenzene	11.34	91	1606785	50.472	ug/l	98
79) 2-Chlorotoluene	11.40	91	953950	48.374	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1184047	49.131	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	156801	46.682	ug/l	100
82) 4-Chlorotoluene	11.49	91	1130763	48.609	ug/l	99
83) tert-Butylbenzene	11.76	119	1158165	50.223	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1205542	50.293	ug/l	99
85) sec-Butylbenzene	11.93	105	1308664	48.715	ug/l	99
86) p-Isopropyltoluene	12.05	119	1237971	48.392	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	649853	47.890	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	660994	47.027	ug/l	99
89) n-Butylbenzene	12.37	91	1057216	46.379	ug/l	99
90) Hexachloroethane	12.58	117	237497	47.089	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	630256	47.257	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	120486	48.442	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	445379	48.931	ug/l	98
94) Hexachlorobutadiene	13.77	225	174558	41.662	ug/l	98
95) Naphthalene	13.82	128	1477155	54.364	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	452152	50.310	ug/l	99

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

