

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017971.D
 Acq On : 19 Aug 2020 09:44
 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
 8/20/2020 9:16:39 AM

Quant Time: Aug 19 13:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	509903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	730457	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	684065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	410505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	333339	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
35) Dibromofluoromethane	5.46	113	258073	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	8.70	98	975869	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.12	95	406590	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	379880	49.315	ug/l	98
3) Chloromethane	1.31	50	333171	47.778	ug/l	97
4) Vinyl Chloride	1.39	62	334767	46.532	ug/l	97
5) Bromomethane	1.62	94	197623	50.642	ug/l	99
6) Chloroethane	1.71	64	190559	49.831	ug/l	98
7) Trichlorofluoromethane	1.92	101	517961	48.508	ug/l	97
8) Diethyl Ether	2.17	74	142178	45.687	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	234170	46.629	ug/l	99
10) Methyl Iodide	2.49	142	279450	43.152	ug/l	99
11) Tert butyl alcohol	3.02	59	309005	214.112	ug/l	99
12) 1,1-Dichloroethene	2.36	96	206869	45.010	ug/l	98
13) Acrolein	2.28	56	187841	246.394	ug/l	98
14) Allyl chloride	2.71	41	362453	44.217	ug/l	96
15) Acrylonitrile	3.12	53	727572	230.846	ug/l	99
16) Acetone	2.42	43	633062	215.278	ug/l	99
17) Carbon Disulfide	2.55	76	519852	46.618	ug/l	100
18) Methyl Acetate	2.75	43	325099	43.935	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	877246	49.924	ug/l	99
20) Methylene Chloride	2.84	84	237908	43.911	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	233089	49.332	ug/l	96
22) Diisopropyl ether	3.82	45	858942	49.987	ug/l	97
23) Vinyl Acetate	3.78	43	3188872	242.842	ug/l	100
24) 1,1-Dichloroethane	3.67	63	454508	47.714	ug/l	98
25) 2-Butanone	4.64	43	1002980	225.290	ug/l	97
26) 2,2-Dichloropropane	4.55	77	444693	51.266	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	280440	50.315	ug/l	98
28) Bromochloromethane	4.98	49	218120	44.309	ug/l	99
29) Tetrahydrofuran	5.09	42	624351	225.810	ug/l	99
30) Chloroform	5.17	83	496724	47.708	ug/l	100
31) Cyclohexane	5.54	56	406503	52.626	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	444853	47.098	ug/l	100
36) 1,1-Dichloropropene	5.77	75	334835	54.765	ug/l	99
37) Ethyl Acetate	4.79	43	348332	47.617	ug/l	99
38) Carbon Tetrachloride	5.76	117	419279	52.988	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	403653	51.523	ug/l	95
40) Benzene	6.11	78	929003	50.449	ug/l	100
41) Methacrylonitrile	5.00	41	207275	49.436	ug/l	99
42) 1,2-Dichloroethane	6.16	62	395240	50.529	ug/l	100
43) Isopropyl Acetate	6.42	43	582439	49.322	ug/l	99
44) Trichloroethene	7.19	130	277054	50.734	ug/l	93
45) 1,2-Dichloropropane	7.49	63	248855	47.166	ug/l	99
46) Dibromomethane	7.63	93	186276	50.587	ug/l	98
47) Bromodichloromethane	7.87	83	384721	48.126	ug/l	99
48) Methyl methacrylate	7.74	41	293504	50.136	ug/l	99
49) 1,4-Dioxane	7.71	88	127753	1065.938	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2016894	253.670	ug/l	100
52) Toluene	8.76	92	643529	53.415	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	451757	53.432	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	477111	54.121	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	283967	51.306	ug/l	97
56) Ethyl methacrylate	9.16	69	409476	52.326	ug/l	99
57) 1,3-Dichloropropane	9.35	76	446341	50.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1001180	264.196	ug/l	99
59) 2-Hexanone	9.47	43	1444422	239.751	ug/l	99
60) Dibromochloromethane	9.56	129	338068	48.906	ug/l	99
61) 1,2-Dibromoethane	9.65	107	280959	45.828	ug/l	98
64) Tetrachloroethene	9.32	164	296992	56.851	ug/l	97
65) Chlorobenzene	10.12	112	750892	55.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	298569	51.980	ug/l	97
67) Ethyl Benzene	10.24	91	1172828	52.394	ug/l	99
68) m/p-Xylenes	10.34	106	1017499	118.070	ug/l	99
69) o-Xylene	10.68	106	435051	52.351	ug/l	100
70) Styrene	10.70	104	800331	55.823	ug/l	100
71) Bromoform	10.84	173	261919	50.805	ug/l #	99
73) Isopropylbenzene	11.00	105	1248030	47.234	ug/l	100
74) N-amyl acetate	10.88	43	564141	48.002	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	425586	46.172	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	425599m	48.752	ug/l	
77) Bromobenzene	11.24	156	378452	51.626	ug/l	96
78) n-propylbenzene	11.34	91	1598171	51.714	ug/l	99
79) 2-Chlorotoluene	11.40	91	934967	49.644	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1168705	50.390	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	150462	45.278	ug/l	96
82) 4-Chlorotoluene	11.49	91	1108945	50.070	ug/l	100
83) tert-Butylbenzene	11.76	119	1071918	48.940	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1139437	47.455	ug/l	99
85) sec-Butylbenzene	11.93	105	1271292	48.082	ug/l	99
86) p-Isopropyltoluene	12.05	119	1322095	53.754	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	619925	46.463	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	649864	49.717	ug/l	100
89) n-Butylbenzene	12.37	91	1047930	51.480	ug/l	98
90) Hexachloroethane	12.58	117	252417	51.602	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	565633	45.923	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98583	41.987	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	441423	54.478	ug/l	100
94) Hexachlorobutadiene	13.77	225	185689	53.699	ug/l	96
95) Naphthalene	13.82	128	1270589	49.677	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	452870	54.964	ug/l	97

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

