

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016930.D
 Acq On : 22 Jun 2020 19:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:03:24 AM

Quant Time: Jun 23 08:27:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	341985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	566683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	571249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	203622	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	5.46	113	172090	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	8.70	98	748797	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.12	95	246115	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	210861	50.242	ug/l	100
3) Chloromethane	1.31	50	212174	49.858	ug/l	100
4) Vinyl Chloride	1.39	62	240026	50.044	ug/l	99
5) Bromomethane	1.62	94	113786	39.400	ug/l	97
6) Chloroethane	1.71	64	138042	46.731	ug/l	99
7) Trichlorofluoromethane	1.92	101	302500	45.084	ug/l	100
8) Diethyl Ether	2.17	74	124767	47.827	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	158367	44.311	ug/l	98
10) Methyl Iodide	2.49	142	107856	31.700	ug/l	97
11) Tert butyl alcohol	3.01	59	182508	262.487	ug/l	99
12) 1,1-Dichloroethene	2.35	96	168071	45.989	ug/l	99
13) Acrolein	2.27	56	205374	487.177	ug/l	100
14) Allyl chloride	2.71	41	256437	53.048	ug/l	94
15) Acrylonitrile	3.12	53	441499	277.088	ug/l	99
16) Acetone	2.42	43	364119	243.871	ug/l	99
17) Carbon Disulfide	2.55	76	421665	44.646	ug/l	98
18) Methyl Acetate	2.75	43	223756	58.934	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	523743	50.288	ug/l	99
20) Methylene Chloride	2.84	84	170608	47.649	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	161968	46.951	ug/l	95
22) Diisopropyl ether	3.82	45	501315	54.127	ug/l	97
23) Vinyl Acetate	3.78	43	2057246	269.371	ug/l	98
24) 1,1-Dichloroethane	3.67	63	291951	50.464	ug/l	99
25) 2-Butanone	4.63	43	721035	350.892	ug/l	96
26) 2,2-Dichloropropane	4.55	77	287620	53.064	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	215834	55.665	ug/l	96
28) Bromochloromethane	4.98	49	156676	65.249	ug/l	89
29) Tetrahydrofuran	5.09	42	437686	338.204	ug/l	94
30) Chloroform	5.18	83	338225	55.376	ug/l	99
31) Cyclohexane	5.55	56	275625	54.190	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	281612	48.715	ug/l	98
36) 1,1-Dichloropropene	5.77	75	252783	48.312	ug/l	98
37) Ethyl Acetate	4.79	43	285454	61.745	ug/l	98
38) Carbon Tetrachloride	5.76	117	250796	42.718	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	276235	45.404	ug/l	99
40) Benzene	6.11	78	729328	46.454	ug/l	100
41) Methacrylonitrile	5.01	41	152190	60.638	ug/l	96
42) 1,2-Dichloroethane	6.17	62	241630	43.250	ug/l	99
43) Isopropyl Acetate	6.41	43	408373	50.584	ug/l	99
44) Trichloroethene	7.19	130	204525	42.537	ug/l	100
45) 1,2-Dichloropropane	7.49	63	184720	46.802	ug/l	98
46) Dibromomethane	7.64	93	122926	45.927	ug/l	97
47) Bromodichloromethane	7.88	83	280880	49.342	ug/l	100
48) Methyl methacrylate	7.74	41	214998	56.554	ug/l	97
49) 1,4-Dioxane	7.71	88	86199	1012.925	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1458212	300.308	ug/l	98
52) Toluene	8.77	92	530113	50.898	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	341653	54.593	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	343111	51.249	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	211797	53.860	ug/l	97
56) Ethyl methacrylate	9.16	69	335079	58.860	ug/l	97
57) 1,3-Dichloropropane	9.35	76	361152	54.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	795416	300.285	ug/l	96
59) 2-Hexanone	9.48	43	1088486	309.549	ug/l	99
60) Dibromochloromethane	9.57	129	243825	51.686	ug/l	99
61) 1,2-Dibromoethane	9.65	107	226151	52.993	ug/l	99
64) Tetrachloroethene	9.32	164	219187	41.436	ug/l	98
65) Chlorobenzene	10.12	112	534842	46.236	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	205752	45.894	ug/l	98
67) Ethyl Benzene	10.24	91	933446	47.826	ug/l	99
68) m/p-Xylenes	10.34	106	680643	89.619	ug/l	99
69) o-Xylene	10.68	106	309823	44.118	ug/l	99
70) Styrene	10.69	104	548600	45.976	ug/l	100
71) Bromoform	10.84	173	157226	41.713	ug/l #	99
73) Isopropylbenzene	11.00	105	832358	51.579	ug/l	100
74) N-amyl acetate	10.88	43	338263	60.028	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	240046	52.679	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	230162m	50.281	ug/l	
77) Bromobenzene	11.24	156	214549	48.749	ug/l	97
78) n-propylbenzene	11.34	91	927236	51.485	ug/l	100
79) 2-Chlorotoluene	11.40	91	552886	50.175	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	693436	49.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	91193	48.785	ug/l	97
82) 4-Chlorotoluene	11.49	91	643420	48.671	ug/l	99
83) tert-Butylbenzene	11.76	119	677654	49.190	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	703060	49.018	ug/l	98
85) sec-Butylbenzene	11.93	105	768332	48.022	ug/l	100
86) p-Isopropyltoluene	12.05	119	726394	49.551	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	369518	45.956	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	373427	45.921	ug/l	99
89) n-Butylbenzene	12.37	91	600795	47.793	ug/l	100
90) Hexachloroethane	12.58	117	125379	47.480	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	352523	45.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55031	50.933	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	267724	51.362	ug/l	99
94) Hexachlorobutadiene	13.77	225	104137	44.274	ug/l	97
95) Naphthalene	13.82	128	853310	55.761	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	253479	48.763	ug/l	100

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

