

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016543.D
 Acq On : 01 Jun 2020 20:39
 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
 6/2/2020 11:34:45 AM

Quant Time: Jun 02 03:43:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	304592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186351	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.46	113	149827	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	8.70	98	580709	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.12	95	222322	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	146025	48.715	ug/l	98
3) Chloromethane	1.31	50	165561	45.705	ug/l	98
4) Vinyl Chloride	1.39	62	189834	49.555	ug/l	98
5) Bromomethane	1.62	94	89873	48.251	ug/l	99
6) Chloroethane	1.70	64	116872	52.301	ug/l	99
7) Trichlorofluoromethane	1.91	101	250701	49.832	ug/l	98
8) Diethyl Ether	2.17	74	105313	50.202	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	139245	50.290	ug/l	99
10) Methyl Iodide	2.49	142	128122	39.419	ug/l	99
11) Tert butyl alcohol	3.01	59	229856	236.968	ug/l	100
12) 1,1-Dichloroethene	2.36	96	146808	50.091	ug/l	99
13) Acrolein	2.27	56	122530	296.956	ug/l	98
14) Allyl chloride	2.70	41	270177	50.126	ug/l	98
15) Acrylonitrile	3.12	53	501772	252.533	ug/l	99
16) Acetone	2.42	43	410841	247.904	ug/l	99
17) Carbon Disulfide	2.55	76	424636	48.789	ug/l	99
18) Methyl Acetate	2.75	43	219755	51.700	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	540151	51.324	ug/l	100
20) Methylene Chloride	2.84	84	170736	49.795	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	162920	50.256	ug/l	97
22) Diisopropyl ether	3.82	45	521161	50.333	ug/l	98
23) Vinyl Acetate	3.78	43	2331126	257.209	ug/l	99
24) 1,1-Dichloroethane	3.67	63	297240	50.861	ug/l	99
25) 2-Butanone	4.64	43	697145	248.257	ug/l	96
26) 2,2-Dichloropropane	4.56	77	225146	47.081	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	187258	49.930	ug/l	99
28) Bromochloromethane	4.98	49	132857	48.920	ug/l	95
29) Tetrahydrofuran	5.09	42	458842	252.916	ug/l	98
30) Chloroform	5.18	83	293630	49.864	ug/l	97
31) Cyclohexane	5.55	56	249293	47.416	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	259424	48.662	ug/l	99
36) 1,1-Dichloropropene	5.77	75	220136	47.097	ug/l	98
37) Ethyl Acetate	4.79	43	264769	47.182	ug/l	98
38) Carbon Tetrachloride	5.76	117	225726	45.954	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	243605	47.984	ug/l	100
40) Benzene	6.11	78	683379	49.096	ug/l	100
41) Methacrylonitrile	5.01	41	143821	46.659	ug/l	97
42) 1,2-Dichloroethane	6.17	62	230570	46.580	ug/l	98
43) Isopropyl Acetate	6.42	43	429262	49.041	ug/l	98
44) Trichloroethene	7.19	130	195248	44.211	ug/l	98
45) 1,2-Dichloropropane	7.49	63	175334	49.480	ug/l	99
46) Dibromomethane	7.64	93	115787	48.649	ug/l	99
47) Bromodichloromethane	7.88	83	240497	48.801	ug/l	98
48) Methyl methacrylate	7.74	41	204763	48.858	ug/l	97
49) 1,4-Dioxane	7.71	88	86585	882.803	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1345221	246.820	ug/l	99
52) Toluene	8.77	92	425637	48.493	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	280193	50.001	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	293678	49.512	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	175166	50.193	ug/l	97
56) Ethyl methacrylate	9.16	69	295980	52.075	ug/l	97
57) 1,3-Dichloropropane	9.35	76	297981	49.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	756711	255.072	ug/l	99
59) 2-Hexanone	9.48	43	1042922	246.065	ug/l	98
60) Dibromochloromethane	9.57	129	197187	50.209	ug/l	99
61) 1,2-Dibromoethane	9.65	107	186489	49.902	ug/l	100
64) Tetrachloroethene	9.32	164	200888	39.816	ug/l	98
65) Chlorobenzene	10.12	112	454007	49.381	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	176582	50.314	ug/l	98
67) Ethyl Benzene	10.24	91	794536	48.539	ug/l	99
68) m/p-Xylenes	10.34	106	603581	99.450	ug/l	99
69) o-Xylene	10.68	106	292219	49.716	ug/l	96
70) Styrene	10.70	104	516509	51.124	ug/l	99
71) Bromoform	10.84	173	154222	51.995	ug/l #	100
73) Isopropylbenzene	11.00	105	759046	49.230	ug/l	100
74) N-amyl acetate	10.88	43	374546	52.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	233916	60.535	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	249765m	51.064	ug/l	
77) Bromobenzene	11.24	156	200866	49.671	ug/l	99
78) n-propylbenzene	11.34	91	852052	49.464	ug/l	100
79) 2-Chlorotoluene	11.40	91	527354	50.155	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	643540	49.987	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	98980	49.778	ug/l	97
82) 4-Chlorotoluene	11.49	91	615032	49.533	ug/l	100
83) tert-Butylbenzene	11.76	119	582220	52.927	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	649829	49.911	ug/l	99
85) sec-Butylbenzene	11.93	105	703469	50.978	ug/l	100
86) p-Isopropyltoluene	12.05	119	657571	50.870	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	348449	49.735	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	352223	49.156	ug/l	99
89) n-Butylbenzene	12.37	91	559550	51.969	ug/l	99
90) Hexachloroethane	12.58	117	114409	51.240	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	335444	49.419	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60043	47.972	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	222862	49.437	ug/l	100
94) Hexachlorobutadiene	13.77	225	87757	49.581	ug/l	98
95) Naphthalene	13.82	128	713230	46.152	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	209031	47.330	ug/l	97

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

