

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015504.D
 Acq On : 06 Apr 2020 12:02
 Operator : JC/SP
 Sample : VX0406WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/7/2020 11:59:03 AM

Quant Time: Apr 07 05:54:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1107404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1683179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1542613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	814320	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	770648	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	5.47	113	558428	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	8.70	98	2053397	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.12	95	840725	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	192969	19.779	ug/l	99
3) Chloromethane	1.31	50	219569	17.672	ug/l	100
4) Vinyl Chloride	1.39	62	211035	18.498	ug/l	98
5) Bromomethane	1.62	94	140407	22.202	ug/l	95
6) Chloroethane	1.71	64	134942	19.071	ug/l	98
7) Trichlorofluoromethane	1.92	101	308275	20.149	ug/l	97
8) Diethyl Ether	2.17	74	118250	18.324	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	203837	20.437	ug/l	100
10) Methyl Iodide	2.49	142	231669	17.228	ug/l	99
11) Tert butyl alcohol	3.01	59	329725	88.199	ug/l	99
12) 1,1-Dichloroethene	2.36	96	197993	18.938	ug/l	96
13) Acrolein	2.27	56	226587	106.400	ug/l	99
14) Allyl chloride	2.70	41	455158	18.632	ug/l	99
15) Acrylonitrile	3.11	53	660996	92.713	ug/l	100
16) Acetone	2.42	43	637955	95.073	ug/l	100
17) Carbon Disulfide	2.55	76	581561	18.234	ug/l	98
18) Methyl Acetate	2.75	43	313425	18.301	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	778482	19.199	ug/l	100
20) Methylene Chloride	2.83	84	231084	18.437	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	217711	18.763	ug/l	96
22) Diisopropyl ether	3.83	45	841847	19.448	ug/l	93
23) Vinyl Acetate	3.78	43	3852311	98.290	ug/l	99
24) 1,1-Dichloroethane	3.67	63	425029	18.648	ug/l	100
25) 2-Butanone	4.64	43	992211	91.945	ug/l	98
26) 2,2-Dichloropropane	4.55	77	383871	20.519	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	251817	18.758	ug/l	97
28) Bromochloromethane	4.98	49	225564	20.728	ug/l	98
29) Tetrahydrofuran	5.09	42	637442	91.884	ug/l	100
30) Chloroform	5.18	83	416572	18.997	ug/l	99
31) Cyclohexane	5.55	56	384126	19.428	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	380467	19.172	ug/l	99
36) 1,1-Dichloropropene	5.77	75	318413	20.531	ug/l	99
37) Ethyl Acetate	4.79	43	394685	19.545	ug/l	99
38) Carbon Tetrachloride	5.76	117	336134	20.011	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	373920	20.911	ug/l	99
40) Benzene	6.11	78	907956	19.986	ug/l	96
41) Methacrylonitrile	5.00	41	220790	19.696	ug/l	99
42) 1,2-Dichloroethane	6.16	62	372313	20.403	ug/l	99
43) Isopropyl Acetate	6.42	43	669893	19.652	ug/l	99
44) Trichloroethene	7.19	130	250544	20.222	ug/l	96
45) 1,2-Dichloropropane	7.49	63	245913	19.788	ug/l	99
46) Dibromomethane	7.64	93	162427	19.924	ug/l	99
47) Bromodichloromethane	7.87	83	349629	20.127	ug/l	99
48) Methyl methacrylate	7.75	41	332609	19.534	ug/l	99
49) 1,4-Dioxane	7.72	88	128077	403.221	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1942262	100.538	ug/l	99
52) Toluene	8.76	92	570854	20.382	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	406569	19.957	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	419750	20.226	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	233164	20.319	ug/l	99
56) Ethyl methacrylate	9.16	69	398272	19.694	ug/l	100
57) 1,3-Dichloropropane	9.36	76	409459	19.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1000730	101.734	ug/l	98
59) 2-Hexanone	9.47	43	1472668	100.970	ug/l	100
60) Dibromochloromethane	9.57	129	276035	20.019	ug/l	97
61) 1,2-Dibromoethane	9.65	107	250507	20.077	ug/l	99
64) Tetrachloroethene	9.32	164	246948	21.212	ug/l	97
65) Chlorobenzene	10.12	112	622461	20.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	250847	20.410	ug/l	98
67) Ethyl Benzene	10.24	91	1113510	20.408	ug/l	99
68) m/p-Xylenes	10.34	106	846490	41.663	ug/l	99
69) o-Xylene	10.68	106	401242	19.985	ug/l	97
70) Styrene	10.70	104	703541	19.914	ug/l	100
71) Bromoform	10.84	173	217393	19.430	ug/l #	99
73) Isopropylbenzene	11.00	105	1090717	20.442	ug/l	99
74) N-amyl acetate	10.88	43	570885	19.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	353405	19.303	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	342770m	20.469	ug/l	
77) Bromobenzene	11.24	156	283193	19.898	ug/l	98
78) n-propylbenzene	11.34	91	1264999	20.734	ug/l	99
79) 2-Chlorotoluene	11.40	91	753267	20.143	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	938563	20.597	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	134441	19.264	ug/l	98
82) 4-Chlorotoluene	11.49	91	903931	20.619	ug/l	99
83) tert-Butylbenzene	11.76	119	909459	20.433	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	949671	20.451	ug/l	100
85) sec-Butylbenzene	11.93	105	1072391	20.832	ug/l	99
86) p-Isopropyltoluene	12.05	119	1023809	21.424	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	525216	20.614	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	515674	19.870	ug/l	99
89) n-Butylbenzene	12.37	91	923335	21.381	ug/l	99
90) Hexachloroethane	12.58	117	182892	19.663	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	495501	19.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90854	17.582	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	393038	19.928	ug/l	98
94) Hexachlorobutadiene	13.77	225	179740	19.141	ug/l	95
95) Naphthalene	13.82	128	1213620	20.173	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	380448	20.036	ug/l	95

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

