

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013020\
 Data File : VX014771.D
 Acq On : 30 Jan 2020 11:50
 Operator : JC/SP
 Sample : VX0130WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 10:52:14 AM

Quant Time: Jan 31 04:41:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	407280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	607344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	557612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	277298	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	236338	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
35) Dibromofluoromethane	5.48	113	189711	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	8.71	98	732879	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	254873	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	101938	18.980	ug/l	98
3) Chloromethane	1.32	50	100461	18.233	ug/l	99
4) Vinyl Chloride	1.40	62	116039	19.478	ug/l	100
5) Bromomethane	1.64	94	67919	16.785	ug/l	96
6) Chloroethane	1.72	64	75109	21.241	ug/l	98
7) Trichlorofluoromethane	1.92	101	135528	19.538	ug/l	97
8) Diethyl Ether	2.18	74	58760	19.407	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79870	19.614	ug/l	99
10) Methyl Iodide	2.50	142	98395	18.415	ug/l	99
11) Tert butyl alcohol	3.02	59	93620	87.677	ug/l	96
12) 1,1-Dichloroethene	2.37	96	75194	18.572	ug/l	99
13) Acrolein	2.28	56	61504	73.052	ug/l	99
14) Allyl chloride	2.72	41	134692	18.508	ug/l	98
15) Acrylonitrile	3.12	53	233112	94.354	ug/l	99
16) Acetone	2.43	43	239883	92.123	ug/l	98
17) Carbon Disulfide	2.56	76	191384	17.295	ug/l	99
18) Methyl Acetate	2.76	43	144500	19.421	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	264026	19.910	ug/l	99
20) Methylene Chloride	2.85	84	88370	18.321	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	83218	18.668	ug/l	99
22) Diisopropyl ether	3.84	45	288889	19.953	ug/l	97
23) Vinyl Acetate	3.80	43	1058799	95.932	ug/l	99
24) 1,1-Dichloroethane	3.69	63	153534	19.526	ug/l	100
25) 2-Butanone	4.65	43	337429	90.350	ug/l	97
26) 2,2-Dichloropropane	4.57	77	119211	18.941	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96441	19.330	ug/l	98
28) Bromochloromethane	5.00	49	63596	18.406	ug/l	98
29) Tetrahydrofuran	5.11	42	205166	92.559	ug/l	99
30) Chloroform	5.20	83	151079	19.396	ug/l	100
31) Cyclohexane	5.57	56	135543	18.328	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	126466	19.208	ug/l	98
36) 1,1-Dichloropropene	5.79	75	111672	19.788	ug/l	98
37) Ethyl Acetate	4.81	43	124732	19.298	ug/l	99
38) Carbon Tetrachloride	5.77	117	105674	19.607	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137048	19.385	ug/l	94
40) Benzene	6.13	78	343820	19.718	ug/l	99
41) Methacrylonitrile	5.03	41	70036	18.834	ug/l	96
42) 1,2-Dichloroethane	6.18	62	122045	20.268	ug/l	98
43) Isopropyl Acetate	6.43	43	202478	19.130	ug/l	98
44) Trichloroethene	7.20	130	95068	19.302	ug/l	95
45) 1,2-Dichloropropane	7.50	63	88371	19.672	ug/l	95
46) Dibromomethane	7.65	93	59387	20.412	ug/l	98
47) Bromodichloromethane	7.89	83	114756	20.111	ug/l	97
48) Methyl methacrylate	7.76	41	98125	19.403	ug/l	97
49) 1,4-Dioxane	7.73	88	41888	390.743	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	653908	97.885	ug/l	99
52) Toluene	8.78	92	216622	20.210	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	124402	20.247	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	138929	20.554	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88907	20.259	ug/l	97
56) Ethyl methacrylate	9.17	69	133253	19.056	ug/l	98
57) 1,3-Dichloropropane	9.36	76	152255	20.296	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	216847	98.255	ug/l	99
59) 2-Hexanone	9.48	43	504817	97.382	ug/l	99
60) Dibromochloromethane	9.57	129	91491	19.974	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92908	20.024	ug/l	100
64) Tetrachloroethene	9.33	164	116011	21.018	ug/l	96
65) Chlorobenzene	10.14	112	237925	19.948	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	85918	19.538	ug/l	99
67) Ethyl Benzene	10.25	91	399482	19.616	ug/l	100
68) m/p-Xylenes	10.35	106	309560	40.123	ug/l	100
69) o-Xylene	10.69	106	149415	20.060	ug/l	99
70) Styrene	10.71	104	255244	20.429	ug/l	100
71) Bromoform	10.85	173	68853	19.688	ug/l #	99
73) Isopropylbenzene	11.01	105	399505	20.490	ug/l	99
74) N-amyl acetate	10.89	43	167881	19.649	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	132267	18.999	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113201m	17.546	ug/l	
77) Bromobenzene	11.25	156	105063	20.058	ug/l	97
78) n-propylbenzene	11.35	91	454008	20.514	ug/l	99
79) 2-Chlorotoluene	11.42	91	268533	20.053	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	336511	20.795	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40091	17.684	ug/l	93
82) 4-Chlorotoluene	11.51	91	312655	20.509	ug/l	99
83) tert-Butylbenzene	11.76	119	306029	20.125	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	339679	20.927	ug/l	99
85) sec-Butylbenzene	11.94	105	391429	21.012	ug/l	100
86) p-Isopropyltoluene	12.06	119	357107	20.743	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	185756	19.733	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	188827	20.025	ug/l	99
89) n-Butylbenzene	12.38	91	300185	20.020	ug/l	99
90) Hexachloroethane	12.59	117	61424	19.209	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	189210	20.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28408	18.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	123729	20.526	ug/l	99
94) Hexachlorobutadiene	13.77	225	62384	20.108	ug/l	94
95) Naphthalene	13.83	128	360931	19.154	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126417	20.741	ug/l	97

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

