

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011320\
 Data File : VX014579.D
 Acq On : 13 Jan 2020 12:15
 Operator : JC/SP
 Sample : VX0113WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/14/2020 3:08:58 PM

Quant Time: Jan 14 13:24:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	671306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	304255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	245629	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.48	113	197900	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.71	98	777855	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	276544	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	108498	19.745	ug/l	99
3) Chloromethane	1.32	50	111737	19.651	ug/l	99
4) Vinyl Chloride	1.40	62	127658	20.148	ug/l	97
5) Bromomethane	1.63	94	76004	18.097	ug/l	99
6) Chloroethane	1.72	64	70823	19.734	ug/l	98
7) Trichlorofluoromethane	1.92	101	139650	19.430	ug/l	99
8) Diethyl Ether	2.18	74	64850	19.777	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86096	19.690	ug/l	100
10) Methyl Iodide	2.50	142	101282	19.344	ug/l	99
11) Tert butyl alcohol	3.03	59	112836	108.525	ug/l	98
12) 1,1-Dichloroethene	2.36	96	80792	18.339	ug/l	100
13) Acrolein	2.28	56	64506	77.404	ug/l	96
14) Allyl chloride	2.72	41	149045	19.270	ug/l	98
15) Acrylonitrile	3.13	53	257476	102.604	ug/l	98
16) Acetone	2.43	43	278072	109.017	ug/l	99
17) Carbon Disulfide	2.56	76	220928	17.972	ug/l	100
18) Methyl Acetate	2.76	43	159620	22.303	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	295251	20.877	ug/l	98
20) Methylene Chloride	2.85	84	106691	21.298	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	89334	18.574	ug/l	93
22) Diisopropyl ether	3.84	45	310087	20.745	ug/l	89
23) Vinyl Acetate	3.80	43	1226399	105.974	ug/l	99
24) 1,1-Dichloroethane	3.69	63	164511	20.232	ug/l	99
25) 2-Butanone	4.65	43	387798	104.258	ug/l	98
26) 2,2-Dichloropropane	4.57	77	131309	19.063	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	103210	19.196	ug/l	98
28) Bromochloromethane	5.00	49	72821	21.253	ug/l	95
29) Tetrahydrofuran	5.11	42	237946	108.198	ug/l	99
30) Chloroform	5.20	83	159049	20.017	ug/l	98
31) Cyclohexane	5.57	56	154182	20.257	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	134140	19.722	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122480	19.401	ug/l	98
37) Ethyl Acetate	4.81	43	141354	20.614	ug/l	99
38) Carbon Tetrachloride	5.78	117	112959	19.444	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	152286	19.201	ug/l	96
40) Benzene	6.13	78	377210	20.132	ug/l	98
41) Methacrylonitrile	5.02	41	80144	21.916	ug/l	96
42) 1,2-Dichloroethane	6.18	62	134642	20.552	ug/l	99
43) Isopropyl Acetate	6.43	43	233380	21.068	ug/l	99
44) Trichloroethene	7.20	130	103385	19.200	ug/l	97
45) 1,2-Dichloropropane	7.51	63	98359	20.590	ug/l	100
46) Dibromomethane	7.65	93	64624	19.382	ug/l	98
47) Bromodichloromethane	7.89	83	124252	20.481	ug/l	98
48) Methyl methacrylate	7.76	41	111663	21.047	ug/l	99
49) 1,4-Dioxane	7.73	88	47509	422.611	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	726284	107.594	ug/l	99
52) Toluene	8.78	92	235852	19.664	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	139177	19.705	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153758	20.152	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	96805	20.094	ug/l	98
56) Ethyl methacrylate	9.17	69	153023	20.732	ug/l	99
57) 1,3-Dichloropropane	9.37	76	167578	20.804	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	260789	103.850	ug/l	99
59) 2-Hexanone	9.48	43	560739	104.986	ug/l	98
60) Dibromochloromethane	9.57	129	100198	20.692	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103816	20.343	ug/l	98
64) Tetrachloroethene	9.33	164	113316	18.593	ug/l	99
65) Chlorobenzene	10.14	112	258326	19.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	93240	19.798	ug/l	100
67) Ethyl Benzene	10.25	91	445949	19.826	ug/l	99
68) m/p-Xylenes	10.35	106	343202	39.550	ug/l	99
69) o-Xylene	10.70	106	168101	20.303	ug/l	96
70) Styrene	10.71	104	278765	19.510	ug/l	100
71) Bromoform	10.85	173	74919	19.443	ug/l	98
73) Isopropylbenzene	11.01	105	437928	20.497	ug/l	100
74) N-amyl acetate	10.89	43	194530	20.637	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	143192	20.899	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	126701m	20.127	ug/l	
77) Bromobenzene	11.25	156	115136	19.432	ug/l	99
78) n-propylbenzene	11.35	91	499835	20.428	ug/l	99
79) 2-Chlorotoluene	11.42	91	293801	20.147	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	364494	20.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46883	19.690	ug/l	95
82) 4-Chlorotoluene	11.51	91	341861	19.971	ug/l	98
83) tert-Butylbenzene	11.76	119	340889	20.339	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	373899	20.860	ug/l	100
85) sec-Butylbenzene	11.94	105	423728	20.337	ug/l	99
86) p-Isopropyltoluene	12.06	119	392281	20.289	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205340	19.311	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	206572	20.330	ug/l	98
89) n-Butylbenzene	12.39	91	332570	18.813	ug/l	100
90) Hexachloroethane	12.59	117	67021	19.734	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	203101	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32075	20.811	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139219	18.971	ug/l	99
94) Hexachlorobutadiene	13.77	225	68474	20.032	ug/l	98
95) Naphthalene	13.83	128	417204	18.383	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141533	19.559	ug/l	100

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

