

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
 Data File : VX014598.D
 Acq On : 14 Jan 2020 11:13
 Operator : JC/SP
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 10:24:01 AM

Quant Time: Jan 15 00:44:51 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	486993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	722955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	645820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	261050	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.48	113	214507	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.71	98	841969	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	291270	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	115748	19.300	ug/l	97
3) Chloromethane	1.32	50	118267	19.052	ug/l	99
4) Vinyl Chloride	1.40	62	135324	19.563	ug/l	100
5) Bromomethane	1.64	94	78297	17.076	ug/l	99
6) Chloroethane	1.72	64	75985	19.370	ug/l	99
7) Trichlorofluoromethane	1.92	101	149130	19.005	ug/l	98
8) Diethyl Ether	2.18	74	63112	17.630	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90413	18.939	ug/l	99
10) Methyl Iodide	2.50	142	103245	18.061	ug/l	100
11) Tert butyl alcohol	3.02	59	102290	90.113	ug/l	99
12) 1,1-Dichloroethene	2.37	96	86889	18.065	ug/l	98
13) Acrolein	2.28	56	60745	66.765	ug/l	99
14) Allyl chloride	2.72	41	155300	18.391	ug/l	99
15) Acrylonitrile	3.12	53	254054	92.732	ug/l	100
16) Acetone	2.43	43	249433	88.812	ug/l	96
17) Carbon Disulfide	2.56	76	228759	17.045	ug/l	99
18) Methyl Acetate	2.76	43	155862	19.947	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	284156	18.404	ug/l	100
20) Methylene Chloride	2.85	84	101455	18.551	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	93117	17.733	ug/l	96
22) Diisopropyl ether	3.84	45	320779	19.657	ug/l	93
23) Vinyl Acetate	3.80	43	1219646	96.533	ug/l	99
24) 1,1-Dichloroethane	3.69	63	168549	18.986	ug/l	99
25) 2-Butanone	4.65	43	362888	89.361	ug/l	98
26) 2,2-Dichloropropane	4.57	77	136577	18.161	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	108796	18.534	ug/l	99
28) Bromochloromethane	5.00	49	71009	18.983	ug/l	95
29) Tetrahydrofuran	5.11	42	227749	94.857	ug/l	99
30) Chloroform	5.20	83	165854	19.119	ug/l	98
31) Cyclohexane	5.56	56	158488	19.073	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	139567	18.796	ug/l	99
36) 1,1-Dichloropropene	5.79	75	127074	18.691	ug/l	100
37) Ethyl Acetate	4.81	43	138708	18.783	ug/l	98
38) Carbon Tetrachloride	5.78	117	118854	18.997	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	160492	18.790	ug/l	98
40) Benzene	6.13	78	390708	19.363	ug/l	98
41) Methacrylonitrile	5.02	41	75996	19.297	ug/l	98
42) 1,2-Dichloroethane	6.18	62	136062	19.285	ug/l	99
43) Isopropyl Acetate	6.43	43	223262	18.715	ug/l	98
44) Trichloroethene	7.20	130	107750	18.581	ug/l	99
45) 1,2-Dichloropropane	7.50	63	102752	19.973	ug/l	98
46) Dibromomethane	7.65	93	63655	17.728	ug/l	98
47) Bromodichloromethane	7.89	83	126642	19.383	ug/l	99
48) Methyl methacrylate	7.76	41	109307	19.131	ug/l	99
49) 1,4-Dioxane	7.73	88	44425	366.946	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	708275	97.430	ug/l	99
52) Toluene	8.78	92	240569	18.624	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	137450	18.070	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	153896	18.729	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99713	19.219	ug/l	99
56) Ethyl methacrylate	9.17	69	147718	18.584	ug/l	98
57) 1,3-Dichloropropane	9.36	76	166973	19.248	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	254828	94.226	ug/l	98
59) 2-Hexanone	9.48	43	531668	92.432	ug/l	100
60) Dibromochloromethane	9.57	129	100805	19.330	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102668	18.681	ug/l	99
64) Tetrachloroethene	9.33	164	115964	17.916	ug/l	98
65) Chlorobenzene	10.13	112	261658	18.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94745	18.943	ug/l	98
67) Ethyl Benzene	10.25	91	460306	19.269	ug/l	100
68) m/p-Xylenes	10.35	106	350419	38.023	ug/l	97
69) o-Xylene	10.69	106	166587	18.945	ug/l	99
70) Styrene	10.71	104	283021	18.651	ug/l	99
71) Bromoform	10.85	173	73783	18.030	ug/l #	97
73) Isopropylbenzene	11.01	105	449621	19.632	ug/l	100
74) N-amyl acetate	10.89	43	185275	18.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	140716	19.159	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	125282m	18.566	ug/l	
77) Bromobenzene	11.25	156	118803	18.705	ug/l	98
78) n-propylbenzene	11.35	91	513926	19.594	ug/l	99
79) 2-Chlorotoluene	11.42	91	303795	19.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	374720	19.707	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46397	18.178	ug/l	96
82) 4-Chlorotoluene	11.51	91	348999	19.020	ug/l	98
83) tert-Butylbenzene	11.76	119	351872	19.585	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	378608	19.705	ug/l	100
85) sec-Butylbenzene	11.94	105	441317	19.759	ug/l	98
86) p-Isopropyltoluene	12.06	119	399451	19.274	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206920	18.153	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	210992	19.344	ug/l	99
89) n-Butylbenzene	12.38	91	347878	18.358	ug/l	99
90) Hexachloroethane	12.59	117	67337	18.497	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	208363	18.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29752	18.009	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140399	17.841	ug/l	99
94) Hexachlorobutadiene	13.78	225	72502	19.788	ug/l	99
95) Naphthalene	13.83	128	411666	16.922	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141540	18.229	ug/l	99

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

