

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\
 Data File : VX007014.D
 Acq On : 11 Jan 2019 15:30
 Operator : JC/SP
 Sample : VX0111WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0111WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/14/2019 10:40:42 AM

Quant Time: Jan 11 22:28:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	543799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	800276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	738040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	377885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282002	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.50	113	247695	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	8.71	98	929856	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	336208	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	94582	21.180	ug/l	98
3) Chloromethane	1.33	50	107898	20.755	ug/l	97
4) Vinyl Chloride	1.41	62	113247	20.251	ug/l	99
5) Bromomethane	1.64	94	111649	18.687	ug/l	97
6) Chloroethane	1.72	64	71780	18.383	ug/l	95
7) Trichlorofluoromethane	1.93	101	174859	19.352	ug/l	99
8) Diethyl Ether	2.19	74	70200	19.528	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	103490	19.131	ug/l	100
10) Methyl Iodide	2.51	142	156062	21.387	ug/l	99
11) Tert butyl alcohol	3.07	59	134520	100.342	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95973	19.203	ug/l	97
13) Acrolein	2.29	56	41045	73.197	ug/l	98
14) Allyl chloride	2.73	41	163251	19.059	ug/l	98
15) Acrylonitrile	3.15	53	307985	100.074	ug/l	100
16) Acetone	2.45	43	267814	95.322	ug/l	100
17) Carbon Disulfide	2.57	76	211392	16.428	ug/l	98
18) Methyl Acetate	2.78	43	159233	19.571	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	345098	19.894	ug/l	98
20) Methylene Chloride	2.86	84	112735	20.765	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	103121	18.515	ug/l	97
22) Diisopropyl ether	3.87	45	312319	19.395	ug/l	94
23) Vinyl Acetate	3.82	43	1265947	93.221	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172787	19.189	ug/l	100
25) 2-Butanone	4.70	43	393510	97.886	ug/l	98
26) 2,2-Dichloropropane	4.59	77	115919	16.742	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	116827	19.017	ug/l	98
28) Bromochloromethane	5.02	49	82133	20.819	ug/l	98
29) Tetrahydrofuran	5.15	42	257605	98.602	ug/l	98
30) Chloroform	5.21	83	181930	19.298	ug/l	97
31) Cyclohexane	5.57	56	153742	19.184	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	152721	19.112	ug/l	98
36) 1,1-Dichloropropene	5.80	75	131644	18.921	ug/l	98
37) Ethyl Acetate	4.85	43	148557	19.916	ug/l	99
38) Carbon Tetrachloride	5.78	117	126960	18.136	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165134	18.617	ug/l	98
40) Benzene	6.14	78	413981	19.500	ug/l	99
41) Methacrylonitrile	5.06	41	81428	18.949	ug/l	98
42) 1,2-Dichloroethane	6.20	62	143503	19.561	ug/l	98
43) Isopropyl Acetate	6.46	43	232958	19.799	ug/l	98
44) Trichloroethene	7.21	130	118613	18.644	ug/l	96
45) 1,2-Dichloropropane	7.52	63	101297	18.979	ug/l	98
46) Dibromomethane	7.66	93	72306	19.276	ug/l	97
47) Bromodichloromethane	7.90	83	116672	18.273	ug/l	99
48) Methyl methacrylate	7.77	41	117042	19.370	ug/l	97
49) 1,4-Dioxane	7.75	88	56226	402.341	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	783938	103.674	ug/l	99
52) Toluene	8.79	92	266592	19.537	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	126002	17.797	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	143841	18.397	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109875	20.117	ug/l	99
56) Ethyl methacrylate	9.18	69	164022	20.571	ug/l	97
57) 1,3-Dichloropropane	9.37	76	174839	19.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	417424	101.821	ug/l	99
59) 2-Hexanone	9.49	43	600174	104.154	ug/l	99
60) Dibromochloromethane	9.58	129	101022	19.048	ug/l	97
61) 1,2-Dibromoethane	9.67	107	116972	19.454	ug/l	99
64) Tetrachloroethene	9.34	164	125779	19.685	ug/l	99
65) Chlorobenzene	10.14	112	311855	19.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	101610	18.764	ug/l	99
67) Ethyl Benzene	10.25	91	505447	19.020	ug/l	99
68) m/p-Xylenes	10.36	106	402309	38.426	ug/l	99
69) o-Xylene	10.70	106	196923	19.286	ug/l	96
70) Styrene	10.71	104	317338	19.623	ug/l	99
71) Bromoform	10.86	173	71245	18.043	ug/l #	98
73) Isopropylbenzene	11.02	105	521783	19.582	ug/l	99
74) N-amyl acetate	10.90	43	204454	19.057	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	162705	19.234	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	148057m	19.334	ug/l	
77) Bromobenzene	11.26	156	144056	19.621	ug/l	99
78) n-propylbenzene	11.36	91	579944	19.826	ug/l	98
79) 2-Chlorotoluene	11.42	91	344936	19.589	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	427172	19.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35401	16.678	ug/l	88
82) 4-Chlorotoluene	11.51	91	396507	19.448	ug/l	100
83) tert-Butylbenzene	11.77	119	432174	19.455	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	444724	19.863	ug/l	100
85) sec-Butylbenzene	11.94	105	517124	19.492	ug/l	99
86) p-Isopropyltoluene	12.06	119	462008	19.469	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	251808	18.975	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	251995	20.128	ug/l	99
89) n-Butylbenzene	12.39	91	383501	18.958	ug/l	99
90) Hexachloroethane	12.60	117	60365	17.916	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	248233	18.955	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30079	17.979	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	169512	18.866	ug/l	98
94) Hexachlorobutadiene	13.78	225	76568	19.204	ug/l	99
95) Naphthalene	13.83	128	526225	19.328	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	167733	18.793	ug/l	99

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

