

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013387.D
 Acq On : 12 Nov 2019 16:05
 Operator : JC/SP
 Sample : VX1112WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 9:38:30 AM

Quant Time: Nov 13 03:18:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	694036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1064077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	951888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	467760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	399811	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	5.48	113	327316	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	8.71	98	1258937	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	444676	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	149709	18.721	ug/l	99
3) Chloromethane	1.31	50	165149	19.044	ug/l	97
4) Vinyl Chloride	1.40	62	191123	19.359	ug/l	99
5) Bromomethane	1.62	94	115703	16.817	ug/l	99
6) Chloroethane	1.72	64	105566	17.942	ug/l	99
7) Trichlorofluoromethane	1.92	101	209480	17.960	ug/l	99
8) Diethyl Ether	2.18	74	94954	18.409	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127319	19.584	ug/l	100
10) Methyl Iodide	2.50	142	143642	17.846	ug/l	97
11) Tert butyl alcohol	3.03	59	187912	86.709	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129496	20.341	ug/l	98
13) Acrolein	2.28	56	122984	104.709	ug/l	99
14) Allyl chloride	2.72	41	233797	20.212	ug/l	96
15) Acrylonitrile	3.13	53	405193	100.094	ug/l	99
16) Acetone	2.43	43	402920	98.245	ug/l	98
17) Carbon Disulfide	2.56	76	322924	18.951	ug/l	99
18) Methyl Acetate	2.76	43	236512	20.889	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	440380	20.740	ug/l	98
20) Methylene Chloride	2.84	84	148637	19.616	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	138166	19.933	ug/l	96
22) Diisopropyl ether	3.84	45	464901	20.818	ug/l	98
23) Vinyl Acetate	3.80	43	1932247	101.115	ug/l	100
24) 1,1-Dichloroethane	3.69	63	249826	19.998	ug/l	100
25) 2-Butanone	4.65	43	596772	99.190	ug/l	99
26) 2,2-Dichloropropane	4.57	77	203058	20.432	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	160186	20.629	ug/l	99
28) Bromochloromethane	5.00	49	67965	19.161	ug/l	99
29) Tetrahydrofuran	5.11	42	375714	101.336	ug/l	99
30) Chloroform	5.20	83	253526	20.552	ug/l	98
31) Cyclohexane	5.56	56	228262	20.306	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	213344	20.096	ug/l	99
36) 1,1-Dichloropropene	5.79	75	183617	20.115	ug/l	99
37) Ethyl Acetate	4.82	43	226155	20.050	ug/l	98
38) Carbon Tetrachloride	5.78	117	176791	19.805	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	218666	19.225	ug/l	97
40) Benzene	6.13	78	567442	19.956	ug/l	100
41) Methacrylonitrile	5.03	41	123339	19.509	ug/l	97
42) 1,2-Dichloroethane	6.18	62	200950	19.592	ug/l	99
43) Isopropyl Acetate	6.43	43	350621	19.962	ug/l	99
44) Trichloroethene	7.20	130	151537	19.360	ug/l	97
45) 1,2-Dichloropropane	7.51	63	148374	20.479	ug/l	97
46) Dibromomethane	7.65	93	97178	19.645	ug/l	98
47) Bromodichloromethane	7.89	83	189402	20.304	ug/l	97
48) Methyl methacrylate	7.76	41	175952	20.068	ug/l	97
49) 1,4-Dioxane	7.73	88	77000	383.480	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1130010	98.058	ug/l	99
52) Toluene	8.78	92	359832	20.417	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	204531	20.052	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	232283	20.358	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	150139	20.553	ug/l	97
56) Ethyl methacrylate	9.17	69	235931	19.890	ug/l	97
57) 1,3-Dichloropropane	9.37	76	249651	20.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	504114	100.930	ug/l	99
59) 2-Hexanone	9.48	43	877993	98.591	ug/l	99
60) Dibromochloromethane	9.57	129	149542	20.017	ug/l	100
61) 1,2-Dibromoethane	9.67	107	154865	19.965	ug/l	99
64) Tetrachloroethene	9.33	164	136002	19.958	ug/l	95
65) Chlorobenzene	10.14	112	382063	19.825	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	144977	20.489	ug/l	99
67) Ethyl Benzene	10.25	91	678424	20.397	ug/l	100
68) m/p-Xylenes	10.36	106	513804	40.847	ug/l	100
69) o-Xylene	10.70	106	250573	20.347	ug/l	99
70) Styrene	10.71	104	426650	20.725	ug/l	98
71) Bromoform	10.85	173	114943	19.600	ug/l #	100
73) Isopropylbenzene	11.01	105	667581	21.526	ug/l	99
74) N-amyl acetate	10.89	43	308929	21.481	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	237858	21.023	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191272m	20.132	ug/l	
77) Bromobenzene	11.25	156	174057	21.053	ug/l	97
78) n-propylbenzene	11.35	91	742498	21.492	ug/l	99
79) 2-Chlorotoluene	11.42	91	440965	21.186	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	552541	21.389	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	71669	19.417	ug/l	98
82) 4-Chlorotoluene	11.51	91	505230	20.736	ug/l	100
83) tert-Butylbenzene	11.76	119	561359	21.587	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	563994	21.764	ug/l	100
85) sec-Butylbenzene	11.94	105	636166	21.286	ug/l	99
86) p-Isopropyltoluene	12.06	119	589682	21.427	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	300841	20.414	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	297718	19.828	ug/l	99
89) n-Butylbenzene	12.39	91	485683	20.226	ug/l	99
90) Hexachloroethane	12.59	117	100651	20.527	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	304517	20.671	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	50044	18.155	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	203599	19.813	ug/l	100
94) Hexachlorobutadiene	13.78	225	99215	19.735	ug/l	97
95) Naphthalene	13.83	128	640486	19.866	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	204048	19.800	ug/l	99

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

