

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014141.D
 Acq On : 20 Dec 2019 00:23
 Operator : JC/SP
 Sample : VX1219WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBS03

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:23:36 AM

Quant Time: Dec 20 04:27:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	534065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	751055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	303790	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	5.49	113	252847	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	8.71	98	977387	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.13	95	341879	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	83563	17.489	ug/l	100
3) Chloromethane	1.32	50	117176	18.274	ug/l	99
4) Vinyl Chloride	1.40	62	123068	18.190	ug/l	98
5) Bromomethane	1.63	94	80157	16.692	ug/l	96
6) Chloroethane	1.72	64	77971	18.672	ug/l	95
7) Trichlorofluoromethane	1.92	101	156209	18.651	ug/l	99
8) Diethyl Ether	2.18	74	72672	18.488	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90774	17.980	ug/l	99
10) Methyl Iodide	2.50	142	105852	17.686	ug/l	99
11) Tert butyl alcohol	3.03	59	121147	92.628	ug/l	99
12) 1,1-Dichloroethene	2.37	96	92519	18.009	ug/l	96
13) Acrolein	2.28	56	75287	100.560	ug/l	99
14) Allyl chloride	2.72	41	166100	18.108	ug/l	100
15) Acrylonitrile	3.13	53	304997	99.910	ug/l	100
16) Acetone	2.43	43	294790	75.017	ug/l	98
17) Carbon Disulfide	2.56	76	247835	17.867	ug/l	99
18) Methyl Acetate	2.76	43	154405	19.829	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	326850	19.361	ug/l	96
20) Methylene Chloride	2.85	84	114811	18.554	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	102723	18.150	ug/l	98
22) Diisopropyl ether	3.84	45	358200	19.597	ug/l	100
23) Vinyl Acetate	3.80	43	1423560	95.435	ug/l	99
24) 1,1-Dichloroethane	3.69	63	189386	18.623	ug/l	99
25) 2-Butanone	4.65	43	443989	91.643	ug/l	97
26) 2,2-Dichloropropane	4.58	77	120290	15.235	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	121559	18.991	ug/l	95
28) Bromochloromethane	5.00	49	78626	20.375	ug/l	100
29) Tetrahydrofuran	5.11	42	275546	101.685	ug/l	99
30) Chloroform	5.20	83	187027	19.400	ug/l	98
31) Cyclohexane	5.57	56	167251	18.491	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	153365	18.666	ug/l	99
36) 1,1-Dichloropropene	5.79	75	134036	17.285	ug/l	98
37) Ethyl Acetate	4.82	43	166439	19.437	ug/l	99
38) Carbon Tetrachloride	5.78	117	129715	18.363	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160899	16.805	ug/l	95
40) Benzene	6.14	78	432361	18.121	ug/l	99
41) Methacrylonitrile	5.03	41	89272	18.790	ug/l	99
42) 1,2-Dichloroethane	6.19	62	149353	18.467	ug/l	100
43) Isopropyl Acetate	6.43	43	266373	18.797	ug/l	99
44) Trichloroethene	7.21	130	115607	17.543	ug/l	96
45) 1,2-Dichloropropane	7.51	63	112873	18.458	ug/l	94
46) Dibromomethane	7.65	93	73709	18.231	ug/l	99
47) Bromodichloromethane	7.89	83	140333	18.429	ug/l	100
48) Methyl methacrylate	7.76	41	128868	18.571	ug/l	98
49) 1,4-Dioxane	7.73	88	54281	384.384	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	844972	94.943	ug/l	99
52) Toluene	8.78	92	272268	18.054	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	144365	17.290	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	169096	18.179	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	112838	18.669	ug/l	99
56) Ethyl methacrylate	9.17	69	175149	18.448	ug/l	99
57) 1,3-Dichloropropane	9.37	76	187056	18.394	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	345391	96.129	ug/l	99
59) 2-Hexanone	9.48	43	651474	90.933	ug/l	98
60) Dibromochloromethane	9.57	129	109620	18.246	ug/l	97
61) 1,2-Dibromoethane	9.67	107	115610	18.695	ug/l	99
64) Tetrachloroethene	9.33	164	135300	20.358	ug/l	99
65) Chlorobenzene	10.14	112	289542	18.131	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	103968	18.234	ug/l	99
67) Ethyl Benzene	10.25	91	500280	18.222	ug/l	99
68) m/p-Xylenes	10.36	106	383704	36.337	ug/l	100
69) o-Xylene	10.70	106	189573	18.305	ug/l	100
70) Styrene	10.71	104	313515	17.903	ug/l	98
71) Bromoform	10.85	173	82798	18.065	ug/l #	99
73) Isopropylbenzene	11.01	105	491960	19.229	ug/l	100
74) N-amyl acetate	10.89	43	222060	18.517	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	168260	18.970	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	160027m	20.286	ug/l	
77) Bromobenzene	11.25	156	130009	18.470	ug/l	98
78) n-propylbenzene	11.35	91	542383	18.901	ug/l	99
79) 2-Chlorotoluene	11.42	91	331168	18.985	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405554	18.835	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46985	16.811	ug/l	93
82) 4-Chlorotoluene	11.51	91	366384	18.107	ug/l	100
83) tert-Butylbenzene	11.76	119	374355	17.866	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	407641	18.905	ug/l	100
85) sec-Butylbenzene	11.94	105	464152	18.764	ug/l	99
86) p-Isopropyltoluene	12.06	119	422777	18.685	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	222572	18.042	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	221953	17.694	ug/l	99
89) n-Butylbenzene	12.39	91	336172	17.412	ug/l	99
90) Hexachloroethane	12.59	117	73241	18.021	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	228809	18.424	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34756	17.707	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	141828	17.571	ug/l	98
94) Hexachlorobutadiene	13.78	225	67479	17.395	ug/l	100
95) Naphthalene	13.83	128	440376	18.569	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143962	18.068	ug/l	96

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

