

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013752.D
 Acq On : 04 Dec 2019 16:17
 Operator : JC/SP
 Sample : VX1204WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBSD01

Manual Integrations
 APPROVED

apatel
 12/5/2019 11:25:14 AM

Quant Time: Dec 05 02:34:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	647661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	982930	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	876282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	424514	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	354440	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.49	113	292524	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	8.71	98	1123441	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.13	95	396751	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	135743	18.830	ug/l	100
3) Chloromethane	1.32	50	145018	17.928	ug/l	100
4) Vinyl Chloride	1.40	62	172681	18.967	ug/l	100
5) Bromomethane	1.63	94	92244	15.087	ug/l	98
6) Chloroethane	1.72	64	97079	18.739	ug/l	98
7) Trichlorofluoromethane	1.92	101	189760	18.771	ug/l	100
8) Diethyl Ether	2.18	74	88317	19.310	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114922	18.611	ug/l	98
10) Methyl Iodide	2.50	142	103449	13.849	ug/l	99
11) Tert butyl alcohol	3.03	59	165757	89.325	ug/l	98
12) 1,1-Dichloroethene	2.36	96	112553	18.261	ug/l	99
13) Acrolein	2.28	56	104622	88.283	ug/l	98
14) Allyl chloride	2.72	41	198287	17.727	ug/l	97
15) Acrylonitrile	3.13	53	351184	91.683	ug/l	99
16) Acetone	2.43	43	326237	87.895	ug/l	99
17) Carbon Disulfide	2.56	76	303414	17.268	ug/l	98
18) Methyl Acetate	2.76	43	203333	19.673	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	386985	18.953	ug/l	98
20) Methylene Chloride	2.85	84	134315	18.836	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	120300	17.916	ug/l	95
22) Diisopropyl ether	3.84	45	410860	19.076	ug/l	95
23) Vinyl Acetate	3.80	43	1660254	92.662	ug/l	100
24) 1,1-Dichloroethane	3.69	63	221714	18.831	ug/l	98
25) 2-Butanone	4.65	43	499890	90.621	ug/l	99
26) 2,2-Dichloropropane	4.58	77	172919	17.751	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	143626	18.626	ug/l	99
28) Bromochloromethane	5.01	49	97653	20.981	ug/l	97
29) Tetrahydrofuran	5.11	42	315592	92.805	ug/l	98
30) Chloroform	5.20	83	270256	22.633	ug/l	99
31) Cyclohexane	5.57	56	196387	17.684	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	187067	18.747	ug/l	99
36) 1,1-Dichloropropene	5.79	75	159969	17.929	ug/l	97
37) Ethyl Acetate	4.82	43	189462	18.928	ug/l	99
38) Carbon Tetrachloride	5.78	117	158385	19.251	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199595	18.097	ug/l	97
40) Benzene	6.14	78	508062	18.696	ug/l	99
41) Methacrylonitrile	5.03	41	102129	18.604	ug/l	95
42) 1,2-Dichloroethane	6.19	62	182909	19.736	ug/l	99
43) Isopropyl Acetate	6.44	43	309613	18.788	ug/l	99
44) Trichloroethene	7.21	130	137152	18.390	ug/l	94
45) 1,2-Dichloropropane	7.51	63	131309	19.313	ug/l	97
46) Dibromomethane	7.65	93	85402	18.494	ug/l	96
47) Bromodichloromethane	7.89	83	177147	20.292	ug/l	96
48) Methyl methacrylate	7.76	41	151688	18.945	ug/l	97
49) 1,4-Dioxane	7.73	88	68226	380.675	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	975891	94.145	ug/l	99
52) Toluene	8.78	92	317552	18.810	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	179785	18.093	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	205254	18.907	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	131043	19.262	ug/l	98
56) Ethyl methacrylate	9.17	69	207544	18.975	ug/l	98
57) 1,3-Dichloropropane	9.37	76	221854	18.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	390502	91.059	ug/l	99
59) 2-Hexanone	9.48	43	753941	93.257	ug/l	99
60) Dibromochloromethane	9.57	129	136407	19.320	ug/l	99
61) 1,2-Dibromoethane	9.67	107	138944	19.122	ug/l	99
64) Tetrachloroethene	9.33	164	121057	18.525	ug/l	98
65) Chlorobenzene	10.14	112	348635	19.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	127851	19.570	ug/l	99
67) Ethyl Benzene	10.25	91	600160	19.197	ug/l	99
68) m/p-Xylenes	10.36	106	457566	38.228	ug/l	100
69) o-Xylene	10.70	106	222054	19.022	ug/l	98
70) Styrene	10.71	104	376026	19.149	ug/l	99
71) Bromoform	10.85	173	104660	19.361	ug/l #	99
73) Isopropylbenzene	11.01	105	588492	19.763	ug/l	99
74) N-amyl acetate	10.89	43	261534	19.173	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	204654	19.818	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	165348m	17.317	ug/l	
77) Bromobenzene	11.25	156	156267	19.425	ug/l	99
78) n-propylbenzene	11.35	91	652912	19.641	ug/l	100
79) 2-Chlorotoluene	11.42	91	388132	19.464	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	487643	19.981	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	61273	17.557	ug/l	95
82) 4-Chlorotoluene	11.51	91	442766	19.171	ug/l	100
83) tert-Butylbenzene	11.76	119	497959	20.076	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	492715	19.892	ug/l	99
85) sec-Butylbenzene	11.94	105	558018	19.696	ug/l	99
86) p-Isopropyltoluene	12.06	119	519584	19.714	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	265134	18.907	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	264702	18.532	ug/l	99
89) n-Butylbenzene	12.39	91	424554	18.886	ug/l	99
90) Hexachloroethane	12.59	117	91431	19.192	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	269353	19.440	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44291	19.695	ug/l	99

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93) 1,2,4-Trichlorobenzene	13.64	180	172395	17.853	ug/l	97
94) Hexachlorobutadiene	13.78	225	88429	19.064	ug/l	97
95) Naphthalene	13.83	128	549673	19.115	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	180377	18.866	ug/l	99

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

