

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013970.D
 Acq On : 12 Dec 2019 12:55
 Operator : JC/SP
 Sample : VX1212WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS02

Manual Integrations
 APPROVED

apatel
 12/13/2019 11:25:15 AM

Quant Time: Dec 13 03:03:28 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	5.64	168	576114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	866436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	755092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	385287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	269284	40.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.54%	
35) Dibromofluoromethane	5.49	113	217643	40.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.26%	
50) Toluene-d8	8.71	98	830102	39.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.56%	
62) 4-Bromofluorobenzene	11.14	95	299869	39.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	96366	15.028	ug/l	97
3) Chloromethane	1.31	50	111338	15.474	ug/l	98
4) Vinyl Chloride	1.40	62	121921	15.055	ug/l	99
5) Bromomethane	1.62	94	86718	15.945	ug/l	99
6) Chloroethane	1.70	64	87373	18.960	ug/l	89
7) Trichlorofluoromethane	1.87	101	143407	15.947	ug/l	99
8) Diethyl Ether	2.19	74	65228	16.033	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.33	101	90537	16.483	ug/l	98
10) Methyl Iodide	2.47	142	84513	12.719	ug/l	99
11) Tert butyl alcohol	3.01	59	6896	4.178	ug/l #	74
12) 1,1-Dichloroethene	2.33	96	83678	15.262	ug/l	95
13) Acrolein	2.30	56	61435	60.319	ug/l	99
14) Allyl chloride	2.70	41	145590	14.633	ug/l	97
15) Acrylonitrile	3.15	53	255664	75.035	ug/l	99
16) Acetone	2.47	43	278526	84.360	ug/l	99
17) Carbon Disulfide	2.53	76	184917	11.831	ug/l	98
18) Methyl Acetate	2.78	43	159592	17.359	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	300567	16.548	ug/l	95
20) Methylene Chloride	2.83	84	112285	17.702	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	89906	15.053	ug/l	94
22) Diisopropyl ether	3.86	45	333730	17.419	ug/l	89
23) Vinyl Acetate	3.81	43	1261688	79.163	ug/l	99
24) 1,1-Dichloroethane	3.67	63	176603	16.862	ug/l	97
25) 2-Butanone	4.69	43	358201	73.000	ug/l	99
26) 2,2-Dichloropropane	4.56	77	135598	15.648	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	107758	15.710	ug/l	96
28) Bromochloromethane	5.00	49	75664	18.274	ug/l	96
29) Tetrahydrofuran	5.14	42	227233	75.120	ug/l	99
30) Chloroform	5.20	83	170325	16.036	ug/l	98
31) Cyclohexane	5.55	56	153033	15.492	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	139933	15.765	ug/l	99
36) 1,1-Dichloropropene	5.78	75	125020	15.896	ug/l	99
37) Ethyl Acetate	4.84	43	150276	17.032	ug/l	96
38) Carbon Tetrachloride	5.76	117	113172	15.605	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	156183	16.065	ug/l	97
40) Benzene	6.12	78	399313	16.670	ug/l	98
41) Methacrylonitrile	5.06	41	65591	13.555	ug/l	92
42) 1,2-Dichloroethane	6.18	62	139174	17.036	ug/l	98
43) Isopropyl Acetate	6.45	43	223257	15.369	ug/l	98
44) Trichloroethene	7.20	130	103808	15.790	ug/l	98
45) 1,2-Dichloropropane	7.51	63	103617	17.289	ug/l	97
46) Dibromomethane	7.65	93	64407	15.823	ug/l	97
47) Bromodichloromethane	7.89	83	120153	15.614	ug/l	95
48) Methyl methacrylate	7.77	41	108179	15.327	ug/l	97
49) 1,4-Dioxane	7.77	88	41137	260.389	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	700924	76.710	ug/l	99
52) Toluene	8.78	92	242251	16.279	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	130115	14.855	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	151420	15.823	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101780	16.972	ug/l	97
56) Ethyl methacrylate	9.18	69	149016	15.456	ug/l	99
57) 1,3-Dichloropropane	9.37	76	172371	16.676	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	333114	88.121	ug/l	100
59) 2-Hexanone	9.50	43	539393	75.690	ug/l	98
60) Dibromochloromethane	9.58	129	92387	14.845	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100910	15.755	ug/l	97
64) Tetrachloroethene	9.33	164	94247	16.737	ug/l	97
65) Chlorobenzene	10.14	112	261397	16.674	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	93705	16.645	ug/l	99
67) Ethyl Benzene	10.25	91	453518	16.835	ug/l	100
68) m/p-Xylenes	10.35	106	343066	33.262	ug/l	99
69) o-Xylene	10.70	106	169088	16.809	ug/l	99
70) Styrene	10.71	104	279407	16.512	ug/l	99
71) Bromoform	10.86	173	65078	13.971	ug/l #	99
73) Isopropylbenzene	11.01	105	452384	16.739	ug/l	100
74) N-amyl acetate	10.90	43	194154	15.682	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158517	16.913	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	129822m	14.981	ug/l	
77) Bromobenzene	11.25	156	116127	15.905	ug/l	98
78) n-propylbenzene	11.35	91	487296	16.152	ug/l	100
79) 2-Chlorotoluene	11.42	91	303257	16.756	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	372764	16.829	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40451	12.771	ug/l	87
82) 4-Chlorotoluene	11.51	91	336865	16.071	ug/l	100
83) tert-Butylbenzene	11.77	119	377975	16.790	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	377385	16.787	ug/l	99
85) sec-Butylbenzene	11.94	105	437068	16.998	ug/l	99
86) p-Isopropyltoluene	12.06	119	396629	16.581	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	207319	16.289	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	209425	16.155	ug/l	99
89) n-Butylbenzene	12.38	91	332314	16.288	ug/l	99
90) Hexachloroethane	12.59	117	65809	15.220	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	212017	16.860	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28417	13.923	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	137088	15.642	ug/l	98
94) Hexachlorobutadiene	13.77	225	69667	16.548	ug/l	98
95) Naphthalene	13.83	128	392362	15.033	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	136497	15.730	ug/l	100

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

