

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013917.D
 Acq On : 10 Dec 2019 23:23
 Operator : JC/SP
 Sample : VX1210WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBS02

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:14:15 PM

Quant Time: Dec 11 04:37:41 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	534223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	845324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	760172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369863	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	298999	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.49	113	250696	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	8.71	98	923970	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	329033	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	105384	17.723	ug/l	98
3) Chloromethane	1.32	50	128446	19.251	ug/l	99
4) Vinyl Chloride	1.40	62	149344	19.887	ug/l	99
5) Bromomethane	1.63	94	83364	16.530	ug/l	98
6) Chloroethane	1.72	64	84343	19.737	ug/l	98
7) Trichlorofluoromethane	1.92	101	158740	19.037	ug/l	98
8) Diethyl Ether	2.18	74	77476	20.537	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95650	18.779	ug/l	99
10) Methyl Iodide	2.50	142	106078	17.217	ug/l	98
11) Tert butyl alcohol	3.03	59	136967	89.484	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97436	19.165	ug/l	98
13) Acrolein	2.28	56	74647	77.175	ug/l	99
14) Allyl chloride	2.72	41	175063	18.974	ug/l	99
15) Acrylonitrile	3.13	53	321885	101.878	ug/l	99
16) Acetone	2.43	43	290597	94.918	ug/l	100
17) Carbon Disulfide	2.56	76	236878	16.344	ug/l	100
18) Methyl Acetate	2.76	43	184718	21.667	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	337787	20.056	ug/l	99
20) Methylene Chloride	2.85	84	118031	20.067	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	105405	19.031	ug/l	99
22) Diisopropyl ether	3.84	45	368644	20.751	ug/l	94
23) Vinyl Acetate	3.80	43	1433728	97.011	ug/l	98
24) 1,1-Dichloroethane	3.69	63	197371	20.323	ug/l	99
25) 2-Butanone	4.66	43	445677	97.949	ug/l	99
26) 2,2-Dichloropropane	4.58	77	123246	15.338	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	123384	19.399	ug/l	98
28) Bromochloromethane	5.01	49	85214	22.196	ug/l	96
29) Tetrahydrofuran	5.12	42	286309	102.072	ug/l	99
30) Chloroform	5.20	83	193554	19.652	ug/l	98
31) Cyclohexane	5.58	56	165326	18.048	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	159269	19.351	ug/l	100
36) 1,1-Dichloropropene	5.79	75	139028	18.118	ug/l	99
37) Ethyl Acetate	4.82	43	168928	19.624	ug/l	100
38) Carbon Tetrachloride	5.78	117	135411	19.138	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162838	17.168	ug/l	96
40) Benzene	6.14	78	446034	19.085	ug/l	97
41) Methacrylonitrile	5.03	41	96264	20.391	ug/l	99
42) 1,2-Dichloroethane	6.18	62	159321	19.989	ug/l	100
43) Isopropyl Acetate	6.43	43	269080	18.987	ug/l	99
44) Trichloroethene	7.21	130	121576	18.955	ug/l	99
45) 1,2-Dichloropropane	7.51	63	117633	20.118	ug/l	99
46) Dibromomethane	7.65	93	76268	19.205	ug/l	97
47) Bromodichloromethane	7.89	83	143399	19.100	ug/l	95
48) Methyl methacrylate	7.76	41	130789	18.994	ug/l	98
49) 1,4-Dioxane	7.73	88	55535	360.305	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	886349	99.426	ug/l	99
52) Toluene	8.78	92	280019	19.287	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	149178	17.457	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	168215	18.018	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115673	19.770	ug/l	97
56) Ethyl methacrylate	9.17	69	178448	18.971	ug/l	99
57) 1,3-Dichloropropane	9.37	76	199582	19.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	335631	91.004	ug/l	99
59) 2-Hexanone	9.49	43	672932	96.787	ug/l	97
60) Dibromochloromethane	9.57	129	116394	19.169	ug/l	99
61) 1,2-Dibromoethane	9.67	107	120528	19.288	ug/l	100
64) Tetrachloroethene	9.33	164	121239	21.387	ug/l	98
65) Chlorobenzene	10.14	112	300086	19.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	110051	19.418	ug/l	98
67) Ethyl Benzene	10.25	91	519658	19.161	ug/l	99
68) m/p-Xylenes	10.35	106	397868	38.318	ug/l	99
69) o-Xylene	10.70	106	189013	18.665	ug/l	96
70) Styrene	10.71	104	322114	18.909	ug/l	98
71) Bromoform	10.85	173	84473	18.014	ug/l #	98
73) Isopropylbenzene	11.01	105	508659	19.606	ug/l	100
74) N-amyl acetate	10.89	43	228223	19.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	181695	20.194	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	167195m	20.098	ug/l	
77) Bromobenzene	11.25	156	134885	19.245	ug/l	99
78) n-propylbenzene	11.35	91	563032	19.440	ug/l	100
79) 2-Chlorotoluene	11.42	91	343853	19.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	415646	19.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48680	16.009	ug/l	95
82) 4-Chlorotoluene	11.51	91	387631	19.264	ug/l	99
83) tert-Butylbenzene	11.76	119	406505	18.811	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	422773	19.590	ug/l	99
85) sec-Butylbenzene	11.94	105	484615	19.633	ug/l	100
86) p-Isopropyltoluene	12.06	119	436945	19.028	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	228771	18.724	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	228084	18.328	ug/l	99
89) n-Butylbenzene	12.39	91	360947	18.429	ug/l	99
90) Hexachloroethane	12.59	117	76166	18.350	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	235336	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35975	18.361	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	146775	17.446	ug/l	100
94) Hexachlorobutadiene	13.78	225	68945	17.059	ug/l	97
95) Naphthalene	13.83	128	460248	18.370	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	152323	18.286	ug/l	98

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

