

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013930.D
 Acq On : 11 Dec 2019 05:38
 Operator : JC/SP
 Sample : VX1210WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD02

Quant Time: Dec 11 13:25:15 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	441276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	704093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	288961	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
35) Dibromofluoromethane	5.48	113	231669	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	8.71	98	781225	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
62) 4-Bromofluorobenzene	11.13	95	297716	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	55255	11.250 ug/l	96
3) Chloromethane	1.32	50	111296	20.194 ug/l	100
4) Vinyl Chloride	1.40	62	104848	16.903 ug/l	99
5) Bromomethane	1.64	94	73154	17.561 ug/l	99
6) Chloroethane	1.72	64	72866	20.643 ug/l	94
7) Trichlorofluoromethane	1.92	101	95666	13.889 ug/l	100
8) Diethyl Ether	2.18	74	74514	23.912 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55355	13.157 ug/l	97
10) Methyl Iodide	2.50	142	82427	16.196 ug/l	98
11) Tert butyl alcohol	3.02	59	132910	105.123 ug/l	100
12) 1,1-Dichloroethene	2.37	96	71400	17.002 ug/l	100
13) Acrolein	2.28	56	77906	95.928 ug/l	98
14) Allyl chloride	2.72	41	148433	19.477 ug/l	98
15) Acrylonitrile	3.12	53	303519	116.300 ug/l	98
16) Acetone	2.43	43	268353	106.114 ug/l	97
17) Carbon Disulfide	2.56	76	182768	15.267 ug/l	99
18) Methyl Acetate	2.76	43	177990	25.275 ug/l	98
19) Methyl tert-butyl Ether	3.18	73	332181	23.877 ug/l	99
20) Methylene Chloride	2.85	84	110455	22.735 ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	88720	19.393 ug/l	96
22) Diisopropyl ether	3.84	45	353336	24.078 ug/l	91
23) Vinyl Acetate	3.80	43	1411306	115.608 ug/l	100
24) 1,1-Dichloroethane	3.69	63	176920	22.054 ug/l	100
25) 2-Butanone	4.65	43	421300	112.095 ug/l	100
26) 2,2-Dichloropropane	4.57	77	83461	12.575 ug/l	93
27) cis-1,2-Dichloroethene	4.58	96	114403	21.775 ug/l	94
28) Bromochloromethane	5.00	49	80363	25.344 ug/l	97
29) Tetrahydrofuran	5.11	42	269890	116.485 ug/l	99
30) Chloroform	5.19	83	178019	21.881 ug/l	99
31) Cyclohexane	5.57	56	94915	12.544 ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	123178	18.118 ug/l	99
36) 1,1-Dichloropropene	5.78	75	102398	14.766 ug/l	98
37) Ethyl Acetate	4.81	43	162096	20.836 ug/l	100
38) Carbon Tetrachloride	5.77	117	94430	14.768 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	94676	11.045	ug/l	94
40) Benzene	6.13	78	384162	18.189	ug/l	99
41) Methacrylonitrile	5.03	41	93582	21.934	ug/l	97
42) 1,2-Dichloroethane	6.18	62	152516	21.174	ug/l	98
43) Isopropyl Acetate	6.43	43	264063	20.618	ug/l	98
44) Trichloroethene	7.20	130	98725	17.032	ug/l	98
45) 1,2-Dichloropropane	7.50	63	107138	20.275	ug/l	95
46) Dibromomethane	7.65	93	74207	20.676	ug/l	96
47) Bromodichloromethane	7.89	83	135990	20.043	ug/l	99
48) Methyl methacrylate	7.76	41	128756	20.691	ug/l	100
49) 1,4-Dioxane	7.73	88	53074	381.025	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	838379	104.065	ug/l	100
52) Toluene	8.78	92	234235	17.852	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	140743	18.225	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	156196	18.513	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	111543	21.096	ug/l	98
56) Ethyl methacrylate	9.17	69	172380	20.278	ug/l	99
57) 1,3-Dichloropropane	9.37	76	187951	20.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	338827	101.659	ug/l	99
59) 2-Hexanone	9.48	43	635645	101.164	ug/l	98
60) Dibromochloromethane	9.57	129	111680	20.352	ug/l	100
61) 1,2-Dibromoethane	9.67	107	116188	20.574	ug/l	99
64) Tetrachloroethene	9.33	164	91665	17.458	ug/l	97
65) Chlorobenzene	10.14	112	262144	17.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	101481	19.332	ug/l	99
67) Ethyl Benzene	10.25	91	411789	16.393	ug/l	100
68) m/p-Xylenes	10.36	106	311567	32.396	ug/l	99
69) o-Xylene	10.70	106	156536	16.689	ug/l	96
70) Styrene	10.71	104	284746	18.047	ug/l	100
71) Bromoform	10.85	173	83194	19.154	ug/l #	99
73) Isopropylbenzene	11.01	105	380057	15.588	ug/l	100
74) N-amyl acetate	10.89	43	219429	19.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	175467	20.753	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	184270	23.572	ug/l	90
77) Bromobenzene	11.25	156	121831	18.497	ug/l	98
78) n-propylbenzene	11.35	91	418278	15.369	ug/l	100
79) 2-Chlorotoluene	11.42	91	276571	16.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	320884	16.058	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44587	15.604	ug/l	95
82) 4-Chlorotoluene	11.51	91	319147	16.878	ug/l	99
83) tert-Butylbenzene	11.76	119	305949	15.066	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	334206	16.480	ug/l	100
85) sec-Butylbenzene	11.94	105	340208	14.667	ug/l	100
86) p-Isopropyltoluene	12.06	119	317539	14.715	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	197343	17.188	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	205379	17.562	ug/l	100
89) n-Butylbenzene	12.39	91	258865	14.065	ug/l	99
90) Hexachloroethane	12.59	117	56263	14.425	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	209701	18.485	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35598	19.334	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	142570	18.033	ug/l	97
94) Hexachlorobutadiene	13.78	225	50263	13.234	ug/l	99
95) Naphthalene	13.83	128	468154	19.884	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	147206	18.805	ug/l	100

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

