

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013934.D
 Acq On : 11 Dec 2019 11:05
 Operator : JC/SP
 Sample : VX1211WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS01

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:26:31 AM

Quant Time: Dec 12 04:11:16 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	671339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1005612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	911761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	375430	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.48	113	313749	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	1195501	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	445605	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	143400	19.191	ug/l 100
3) Chloromethane	1.32	50	160249	19.112	ug/l 100
4) Vinyl Chloride	1.40	62	190160	20.150	ug/l 98
5) Bromomethane	1.64	94	114921	18.133	ug/l 98
6) Chloroethane	1.72	64	107072	19.939	ug/l 98
7) Trichlorofluoromethane	1.92	101	211210	20.156	ug/l 100
8) Diethyl Ether	2.18	74	96579	20.372	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134744	21.052	ug/l 100
10) Methyl Iodide	2.50	142	118042	15.246	ug/l 100
11) Tert butyl alcohol	3.02	59	156737	81.485	ug/l 100
12) 1,1-Dichloroethene	2.37	96	127745	19.995	ug/l 98
13) Acrolein	2.28	56	107144	87.295	ug/l 100
14) Allyl chloride	2.72	41	231326	19.952	ug/l 99
15) Acrylonitrile	3.12	53	392990	98.979	ug/l 99
16) Acetone	2.43	43	433448	112.661	ug/l 99
17) Carbon Disulfide	2.56	76	314103	17.246	ug/l 99
18) Methyl Acetate	2.76	43	227129	21.200	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	434802	20.543	ug/l 99
20) Methylene Chloride	2.84	84	149051	20.165	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	137130	19.702	ug/l 97
22) Diisopropyl ether	3.84	45	477424	21.385	ug/l 89
23) Vinyl Acetate	3.80	43	1895712	102.072	ug/l 98
24) 1,1-Dichloroethane	3.69	63	257255	21.079	ug/l 99
25) 2-Butanone	4.65	43	583239	102.002	ug/l 98
26) 2,2-Dichloropropane	4.57	77	203730	20.176	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	159508	19.956	ug/l 98
28) Bromochloromethane	5.00	49	108603	22.511	ug/l 97
29) Tetrahydrofuran	5.11	42	343107	97.338	ug/l 99
30) Chloroform	5.19	83	251563	20.325	ug/l 99
31) Cyclohexane	5.57	56	223122	19.383	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	209861	20.290	ug/l 100
36) 1,1-Dichloropropene	5.78	75	188618	20.663	ug/l 100
37) Ethyl Acetate	4.81	43	213792	20.877	ug/l 99
38) Carbon Tetrachloride	5.77	117	175459	20.845	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	227456	20.158	ug/l	100
40) Benzene	6.13	78	571206	20.545	ug/l	100
41) Methacrylonitrile	5.03	41	120605	21.475	ug/l	98
42) 1,2-Dichloroethane	6.18	62	198654	20.951	ug/l	99
43) Isopropyl Acetate	6.43	43	336934	19.985	ug/l	99
44) Trichloroethene	7.20	130	154897	20.300	ug/l	99
45) 1,2-Dichloropropane	7.51	63	151863	21.832	ug/l	97
46) Dibromomethane	7.65	93	98763	20.905	ug/l	96
47) Bromodichloromethane	7.89	83	192942	21.603	ug/l	95
48) Methyl methacrylate	7.76	41	167799	20.484	ug/l	97
49) 1,4-Dioxane	7.73	88	65815	358.939	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1097290	103.469	ug/l	99
52) Toluene	8.78	92	365366	21.154	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	209049	20.564	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	234342	21.100	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	151464	21.761	ug/l	98
56) Ethyl methacrylate	9.17	69	234055	20.916	ug/l	100
57) 1,3-Dichloropropane	9.37	76	256711	21.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	341396	77.812	ug/l	99
59) 2-Hexanone	9.48	43	844662	102.122	ug/l	98
60) Dibromochloromethane	9.57	129	153313	21.225	ug/l	100
61) 1,2-Dibromoethane	9.67	107	154735	20.815	ug/l	98
64) Tetrachloroethene	9.33	164	150018	22.064	ug/l	98
65) Chlorobenzene	10.14	112	400315	21.147	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	143207	21.067	ug/l	99
67) Ethyl Benzene	10.25	91	694385	21.347	ug/l	98
68) m/p-Xylenes	10.35	106	526989	42.315	ug/l	99
69) o-Xylene	10.70	106	252365	20.777	ug/l	98
70) Styrene	10.71	104	438032	21.438	ug/l	99
71) Bromoform	10.85	173	112721	20.041	ug/l	100
73) Isopropylbenzene	11.01	105	690489	20.535	ug/l	99
74) N-amyl acetate	10.89	43	298960	19.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	231261	19.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	188185m	17.455	ug/l	
77) Bromobenzene	11.25	156	178934	19.698	ug/l	98
78) n-propylbenzene	11.35	91	799171	21.291	ug/l	100
79) 2-Chlorotoluene	11.42	91	458011	20.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	580709	21.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68113	17.284	ug/l	93
82) 4-Chlorotoluene	11.51	91	542319	20.795	ug/l	99
83) tert-Butylbenzene	11.76	119	571999	20.423	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	577982	20.665	ug/l	99
85) sec-Butylbenzene	11.94	105	685851	21.439	ug/l	99
86) p-Isopropyltoluene	12.06	119	619186	20.805	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322798	20.386	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	329054	20.402	ug/l	100
89) n-Butylbenzene	12.39	91	560888	22.097	ug/l	100
90) Hexachloroethane	12.59	117	107386	19.963	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	320450	20.482	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49030	19.308	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	231395	21.222	ug/l	100
94) Hexachlorobutadiene	13.78	225	106386	20.311	ug/l	99
95) Naphthalene	13.83	128	654835	20.167	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	225540	20.891	ug/l	99

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

