

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013746.D
 Acq On : 04 Dec 2019 13:57
 Operator : JC/SP
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Manual Integrations
 APPROVED

apatel
 12/5/2019 11:25:10 AM

Quant Time: Dec 05 01:15:44 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	686680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1008677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	901129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	453633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	352161	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	5.49	113	296034	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	8.71	98	1129018	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	11.13	95	401743	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	142156	18.599	ug/l	98
3) Chloromethane	1.32	50	150226	17.517	ug/l	97
4) Vinyl Chloride	1.40	62	178760	18.519	ug/l	99
5) Bromomethane	1.63	94	93435	14.414	ug/l	99
6) Chloroethane	1.72	64	100077	18.220	ug/l	97
7) Trichlorofluoromethane	1.92	101	199882	18.649	ug/l	98
8) Diethyl Ether	2.18	74	90396	18.642	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122035	18.640	ug/l	97
10) Methyl Iodide	2.50	142	96793	12.222	ug/l	100
11) Tert butyl alcohol	3.03	59	157537	80.072	ug/l	99
12) 1,1-Dichloroethene	2.36	96	121344	18.569	ug/l	96
13) Acrolein	2.28	56	91331	73.749	ug/l	99
14) Allyl chloride	2.72	41	212182	17.892	ug/l	98
15) Acrylonitrile	3.12	53	358559	88.290	ug/l	99
16) Acetone	2.43	43	398323	101.218	ug/l	99
17) Carbon Disulfide	2.56	76	323745	17.378	ug/l	100
18) Methyl Acetate	2.76	43	206360	18.831	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	410857	18.978	ug/l	99
20) Methylene Chloride	2.84	84	134845	17.836	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	127503	17.910	ug/l	97
22) Diisopropyl ether	3.84	45	425990	18.655	ug/l #	87
23) Vinyl Acetate	3.80	43	1702565	89.624	ug/l	99
24) 1,1-Dichloroethane	3.69	63	232558	18.629	ug/l	97
25) 2-Butanone	4.65	43	531889	90.943	ug/l	99
26) 2,2-Dichloropropane	4.57	77	187385	18.143	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	149719	18.313	ug/l	98
28) Bromochloromethane	5.00	49	95236	19.298	ug/l	98
29) Tetrahydrofuran	5.11	42	315770	87.581	ug/l	99
30) Chloroform	5.20	83	229444	18.123	ug/l	96
31) Cyclohexane	5.56	56	207820	17.650	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	197912	18.707	ug/l	100
36) 1,1-Dichloropropene	5.79	75	172668	18.858	ug/l	99
37) Ethyl Acetate	4.81	43	191520	18.645	ug/l	99
38) Carbon Tetrachloride	5.78	117	166126	19.676	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	218933	19.344	ug/l	98
40) Benzene	6.13	78	530873	19.037	ug/l	98
41) Methacrylonitrile	5.02	41	111778	19.842	ug/l	98
42) 1,2-Dichloroethane	6.18	62	183103	19.253	ug/l	99
43) Isopropyl Acetate	6.43	43	316549	18.719	ug/l	100
44) Trichloroethene	7.20	130	146990	19.206	ug/l	95
45) 1,2-Dichloropropane	7.50	63	135661	19.443	ug/l	99
46) Dibromomethane	7.65	93	89959	18.984	ug/l	99
47) Bromodichloromethane	7.89	83	178530	19.929	ug/l	97
48) Methyl methacrylate	7.76	41	157287	19.143	ug/l	98
49) 1,4-Dioxane	7.73	88	63554	345.555	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	996438	93.674	ug/l	100
52) Toluene	8.78	92	336214	19.407	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	189982	18.631	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	216811	19.462	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	135306	19.381	ug/l	98
56) Ethyl methacrylate	9.17	69	214176	19.081	ug/l	99
57) 1,3-Dichloropropane	9.37	76	229956	19.109	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	390490	88.732	ug/l	98
59) 2-Hexanone	9.48	43	764040	92.094	ug/l	100
60) Dibromochloromethane	9.57	129	140257	19.358	ug/l	98
61) 1,2-Dibromoethane	9.67	107	143268	19.214	ug/l	99
64) Tetrachloroethene	9.33	164	141668	21.081	ug/l	95
65) Chlorobenzene	10.14	112	363709	19.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	135421	20.157	ug/l	100
67) Ethyl Benzene	10.25	91	638152	19.849	ug/l	100
68) m/p-Xylenes	10.35	106	490626	39.860	ug/l	98
69) o-Xylene	10.70	106	233301	19.434	ug/l	98
70) Styrene	10.71	104	397593	19.689	ug/l	99
71) Bromoform	10.85	173	108689	19.552	ug/l	97
73) Isopropylbenzene	11.01	105	630259	19.807	ug/l	100
74) N-amyl acetate	10.89	43	271130	18.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	210163	19.045	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	170270m	16.688	ug/l	
77) Bromobenzene	11.25	156	164912	19.184	ug/l	100
78) n-propylbenzene	11.35	91	706367	19.886	ug/l	100
79) 2-Chlorotoluene	11.42	91	420104	19.715	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	521851	20.010	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	65659	17.606	ug/l	99
82) 4-Chlorotoluene	11.51	91	479676	19.436	ug/l	99
83) tert-Butylbenzene	11.76	119	528795	19.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	530427	20.040	ug/l	100
85) sec-Butylbenzene	11.94	105	610571	20.168	ug/l	99
86) p-Isopropyltoluene	12.06	119	564442	20.041	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288567	19.257	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	288093	18.875	ug/l	99
89) n-Butylbenzene	12.39	91	473347	19.705	ug/l	99
90) Hexachloroethane	12.59	117	99384	19.523	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	288340	19.475	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42135	17.534	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	194174	18.818	ug/l	98
94) Hexachlorobutadiene	13.78	225	97578	19.686	ug/l	98
95) Naphthalene	13.83	128	588413	19.148	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	196337	19.217	ug/l	98

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

