

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013959.D
 Acq On : 11 Dec 2019 22:34
 Operator : JC/SP
 Sample : VX1211WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBS02

Manual Integrations
 APPROVED

apatel
 12/12/2019 9:26:49 AM

Quant Time: Dec 12 06:31:35 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	487098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	754555	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	687596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	332198	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	278192	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.49	113	229860	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	857100	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	313206	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92273	17.019	ug/l	99
3) Chloromethane	1.32	50	116012	19.070	ug/l	99
4) Vinyl Chloride	1.40	62	130502	19.059	ug/l	97
5) Bromomethane	1.63	94	94726	20.600	ug/l	96
6) Chloroethane	1.70	64	72851	18.697	ug/l	96
7) Trichlorofluoromethane	1.92	101	139342	18.327	ug/l	100
8) Diethyl Ether	2.18	74	68526	19.922	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84561	18.208	ug/l	99
10) Methyl Iodide	2.50	142	93171	16.585	ug/l	97
11) Tert butyl alcohol	3.04	59	123279	88.333	ug/l	98
12) 1,1-Dichloroethene	2.36	96	85293	18.400	ug/l	98
13) Acrolein	2.28	56	72443	81.756	ug/l	98
14) Allyl chloride	2.72	41	156931	18.655	ug/l	98
15) Acrylonitrile	3.13	53	282898	98.201	ug/l	99
16) Acetone	2.44	43	322506	115.531	ug/l	97
17) Carbon Disulfide	2.56	76	200463	15.170	ug/l	98
18) Methyl Acetate	2.76	43	164283	21.134	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	307765	20.041	ug/l	99
20) Methylene Chloride	2.85	84	108972	20.319	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	91395	18.098	ug/l	96
22) Diisopropyl ether	3.84	45	337467	20.833	ug/l	96
23) Vinyl Acetate	3.80	43	1296802	96.235	ug/l	99
24) 1,1-Dichloroethane	3.69	63	176432	19.924	ug/l	99
25) 2-Butanone	4.66	43	422577	101.858	ug/l	99
26) 2,2-Dichloropropane	4.57	77	120199	16.406	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113243	19.527	ug/l	97
28) Bromochloromethane	5.01	49	81546	23.297	ug/l	96
29) Tetrahydrofuran	5.11	42	252447	98.707	ug/l	99
30) Chloroform	5.20	83	174020	19.378	ug/l	99
31) Cyclohexane	5.57	56	141595	16.953	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	141384	18.840	ug/l	99
36) 1,1-Dichloropropene	5.79	75	121425	17.728	ug/l	98
37) Ethyl Acetate	4.82	43	148477	19.323	ug/l	99
38) Carbon Tetrachloride	5.78	117	114671	18.156	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136162	16.082	ug/l	99
40) Benzene	6.14	78	403089	19.322	ug/l	99
41) Methacrylonitrile	5.03	41	85028	20.177	ug/l	99
42) 1,2-Dichloroethane	6.18	62	140875	19.801	ug/l	99
43) Isopropyl Acetate	6.43	43	242630	19.180	ug/l	99
44) Trichloroethene	7.21	130	104123	18.186	ug/l	98
45) 1,2-Dichloropropane	7.51	63	107254	20.549	ug/l	93
46) Dibromomethane	7.65	93	67810	19.129	ug/l	98
47) Bromodichloromethane	7.89	83	126079	18.814	ug/l	98
48) Methyl methacrylate	7.76	41	119063	19.371	ug/l	98
49) 1,4-Dioxane	7.73	88	46921	341.038	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	802921	100.903	ug/l	99
52) Toluene	8.78	92	250972	19.365	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136243	17.861	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	153038	18.364	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	107069	20.501	ug/l	98
56) Ethyl methacrylate	9.17	69	164259	19.563	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177856	19.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	303220	92.106	ug/l	98
59) 2-Hexanone	9.49	43	597644	96.298	ug/l	98
60) Dibromochloromethane	9.58	129	101784	18.780	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107878	19.340	ug/l	100
64) Tetrachloroethene	9.33	164	109293	21.314	ug/l	99
65) Chlorobenzene	10.14	112	269509	18.879	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	97633	19.045	ug/l	99
67) Ethyl Benzene	10.25	91	462285	18.845	ug/l	100
68) m/p-Xylenes	10.35	106	352245	37.505	ug/l	100
69) o-Xylene	10.70	106	174311	19.030	ug/l	98
70) Styrene	10.71	104	291676	18.929	ug/l	99
71) Bromoform	10.85	173	74188	17.490	ug/l	98
73) Isopropylbenzene	11.01	105	457564	19.636	ug/l	99
74) N-amyl acetate	10.89	43	207428	19.432	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	167018	20.668	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149077m	19.952	ug/l	
77) Bromobenzene	11.25	156	119445	18.974	ug/l	97
78) n-propylbenzene	11.35	91	500363	19.235	ug/l	99
79) 2-Chlorotoluene	11.42	91	310513	19.899	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	377857	19.785	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44368	16.246	ug/l	93
82) 4-Chlorotoluene	11.51	91	349070	19.314	ug/l	99
83) tert-Butylbenzene	11.76	119	372045	19.168	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	382529	19.735	ug/l	100
85) sec-Butylbenzene	11.94	105	424181	19.133	ug/l	99
86) p-Isopropyltoluene	12.06	119	390520	18.935	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207370	18.897	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	204197	18.269	ug/l	99
89) n-Butylbenzene	12.38	91	314420	17.874	ug/l	100
90) Hexachloroethane	12.59	117	66045	17.716	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	212553	19.604	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31080	17.661	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	130104	17.218	ug/l	99
94) Hexachlorobutadiene	13.77	225	62693	17.271	ug/l	99
95) Naphthalene	13.83	128	403498	17.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	137152	18.332	ug/l	98

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

