

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013611.D
 Acq On : 26 Nov 2019 20:06
 Operator : JC/SP
 Sample : K6002-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MS

Manual Integrations
 APPROVED

apatel
 11/27/2019 3:43:54 PM

Quant Time: Nov 27 04:23:37 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	685921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1054560	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	966522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	486354	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	375884	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	5.49	113	311651	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.71	98	1216050	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.14	95	446330	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	398299	52.170	ug/l	98
3) Chloromethane	1.32	50	436884	50.998	ug/l	99
4) Vinyl Chloride	1.40	62	502120	52.076	ug/l	100
5) Bromomethane	1.63	94	295330	45.609	ug/l	99
6) Chloroethane	1.71	64	266092	48.497	ug/l	99
7) Trichlorofluoromethane	1.92	101	523948	48.937	ug/l	98
8) Diethyl Ether	2.18	74	241856	49.932	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	313734	47.974	ug/l	98
10) Methyl Iodide	2.50	142	406966	51.444	ug/l	99
11) Tert butyl alcohol	3.03	59	465638	236.933	ug/l	99
12) 1,1-Dichloroethene	2.36	96	322950	49.474	ug/l	96
13) Acrolein	2.28	56	343377	260.988	ug/l #	15
14) Allyl chloride	2.72	41	600371	50.681	ug/l	100
15) Acrylonitrile	3.13	53	1029010	253.658	ug/l	99
16) Acetone	2.43	43	860773	218.974	ug/l	100
17) Carbon Disulfide	2.56	76	884821	47.549	ug/l	99
18) Methyl Acetate	2.76	43	571706	52.229	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	2551528	117.991	ug/l #	80
20) Methylene Chloride	2.84	84	363985	48.197	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	347960	48.931	ug/l	97
22) Diisopropyl ether	3.84	45	1183205	51.872	ug/l	97
23) Vinyl Acetate	3.80	43	4886845	257.532	ug/l	100
24) 1,1-Dichloroethane	3.69	63	625506	50.163	ug/l	99
25) 2-Butanone	4.65	43	1419433	242.965	ug/l	100
26) 2,2-Dichloropropane	4.57	77	477028	46.237	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	403541	49.414	ug/l	98
28) Bromochloromethane	5.00	49	253583	51.461	ug/l	99
29) Tetrahydrofuran	5.11	42	918746	255.102	ug/l	99
30) Chloroform	5.20	83	656483	51.912	ug/l	99
31) Cyclohexane	5.58	56	901308	76.633	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	519546	49.163	ug/l	100
36) 1,1-Dichloropropene	5.79	75	473880	49.503	ug/l	100
37) Ethyl Acetate	4.82	43	556064	51.779	ug/l	99
38) Carbon Tetrachloride	5.78	117	443761	50.274	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013611.D
 Acq On : 26 Nov 2019 20:06
 Operator : JC/SP
 Sample : K6002-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6MS

Manual Integrations
 APPROVED

apatel
 11/27/2019 3:43:54 PM

Quant Time: Nov 27 04:23:37 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)

39) Methylcyclohexane	7.46	83	998881	84.416	ug/l	99
40) Benzene	6.14	78	25427260	872.127	ug/l #	86
41) Methacrylonitrile	5.03	41	310166	52.664	ug/l	98
42) 1,2-Dichloroethane	6.18	62	483947	48.671	ug/l	96
43) Isopropyl Acetate	6.42	43	5944954	336.251	ug/l #	28
44) Trichloroethene	7.21	130	385178	48.137	ug/l	96
45) 1,2-Dichloropropane	7.51	63	373405	51.189	ug/l	98
46) Dibromomethane	7.65	93	239705	48.383	ug/l	96
47) Bromodichloromethane	7.89	83	463380	49.475	ug/l	98
48) Methyl methacrylate	7.76	41	493744	57.477	ug/l	93
49) 1,4-Dioxane	7.73	88	168519	876.404	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2848070	256.094	ug/l	100
52) Toluene	8.78	92	5570311	307.539	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	535822	50.261	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	598902	51.421	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	356085	48.785	ug/l	99
56) Ethyl methacrylate	9.17	69	643838	54.865	ug/l	100
57) 1,3-Dichloropropane	9.37	76	620107	49.289	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	38159	8.294	ug/l	95
59) 2-Hexanone	9.49	43	2157200	248.706	ug/l	100
60) Dibromochloromethane	9.58	129	389414	51.409	ug/l	100
61) 1,2-Dibromoethane	9.67	107	390277	50.064	ug/l	100
64) Tetrachloroethene	9.33	164	331400	45.978	ug/l	97
65) Chlorobenzene	10.14	112	980777	48.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	361816	50.211	ug/l	100
67) Ethyl Benzene	10.24	91	15822142	458.841	ug/l #	58
68) m/p-Xylenes	10.35	106	18969353	1436.860	ug/l #	1
69) o-Xylene	10.70	106	9951279	772.866	ug/l	63
70) Styrene	10.71	104	1700954	78.532	ug/l #	5
71) Bromoform	10.85	173	297737	49.937	ug/l #	100
73) Isopropylbenzene	11.01	105	2796961	81.984	ug/l	100
74) N-amyl acetate	10.89	43	800987	51.253	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	584545	49.407	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	440935m	40.309	ug/l	
77) Bromobenzene	11.25	156	446280	48.422	ug/l	99
78) n-propylbenzene	11.35	91	3932931	103.270	ug/l	100
79) 2-Chlorotoluene	11.51	91	1828402	80.034	ug/l	77
80) 1,3,5-Trimethylbenzene	11.50	105	6416752	229.489	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	197089	49.292	ug/l	97
82) 4-Chlorotoluene	11.51	91	1828402	69.101	ug/l	83
83) tert-Butylbenzene	11.77	119	1409384	49.597	ug/l	98
84) 1,2,4-Trimethylbenzene	11.67	105	5852591	206.239	ug/l	78
85) sec-Butylbenzene	11.94	105	1651510	50.881	ug/l	98
86) p-Isopropyltoluene	12.06	119	1548644	51.287	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	779270	48.505	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	783494	47.879	ug/l	100
89) n-Butylbenzene	12.38	91	1724766	66.971	ug/l #	70
90) Hexachloroethane	12.59	117	489134	89.619	ug/l	54
91) 1,2-Dichlorobenzene	12.38	146	757394	47.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	155098	60.199	ug/l	84

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112619\
Data File : VX013611.D
Acq On : 26 Nov 2019 20:06
Operator : JC/SP
Sample : K6002-05MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6MS

Manual Integrations
APPROVED

apatel
11/27/2019 3:43:54 PM

Quant Time: Nov 27 04:23:37 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.64	180	549531	49.674	ug/l	97
94) Hexachlorobutadiene	13.78	225	197343	37.134	ug/l	99
95) Naphthalene	13.83	128	10206948	309.812	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	534538	48.800	ug/l	98

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

