

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013006.D
 Acq On : 10 Oct 2019 19:13
 Operator : JC/SP
 Sample : K5290-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:05:50 PM

Quant Time: Oct 11 08:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	276266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116827	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	105209	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	5.48	113	82839	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
50) Toluene-d8	8.71	98	318357	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.13	95	122505	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	83618	50.474	ug/l	99
3) Chloromethane	1.32	50	91403	50.696	ug/l	97
4) Vinyl Chloride	1.40	62	90694	48.736	ug/l	98
5) Bromomethane	1.63	94	37132	48.001	ug/l	99
6) Chloroethane	1.71	64	57863	50.897	ug/l	98
7) Trichlorofluoromethane	1.92	101	130581	51.988	ug/l	99
8) Diethyl Ether	2.18	74	50663	49.972	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82397	50.688	ug/l	99
10) Methyl Iodide	2.50	142	97194	52.495	ug/l	99
11) Tert butyl alcohol	3.03	59	132913	246.821	ug/l	99
12) 1,1-Dichloroethene	2.36	96	84654	51.542	ug/l	95
13) Acrolein	2.28	56	91415	238.875	ug/l	99
14) Allyl chloride	2.72	41	149099	50.976	ug/l	99
15) Acrylonitrile	3.13	53	271102	265.657	ug/l	100
16) Acetone	2.44	43	232249	216.905	ug/l	99
17) Carbon Disulfide	2.56	76	222213	47.449	ug/l	98
18) Methyl Acetate	2.76	43	122656	48.329	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	303310	53.476	ug/l	99
20) Methylene Chloride	2.84	84	97769	49.684	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	92715	52.668	ug/l	99
22) Diisopropyl ether	3.84	45	298505	53.260	ug/l	96
23) Vinyl Acetate	3.80	43	1255172	259.420	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167456	53.109	ug/l	99
25) 2-Butanone	4.66	43	374280	251.955	ug/l	100
26) 2,2-Dichloropropane	4.57	77	118081	44.535	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	105250	51.869	ug/l	98
28) Bromochloromethane	5.01	49	49622	52.685	ug/l	96
29) Tetrahydrofuran	5.12	42	240404	262.987	ug/l	99
30) Chloroform	5.20	83	168891	52.203	ug/l	96
31) Cyclohexane	5.57	56	148441	50.347	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	148514	54.177	ug/l	98
36) 1,1-Dichloropropene	5.79	75	124304	51.176	ug/l	100
37) Ethyl Acetate	4.82	43	138819	51.111	ug/l	99
38) Carbon Tetrachloride	5.78	117	124699	52.745	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013006.D
 Acq On : 10 Oct 2019 19:13
 Operator : JC/SP
 Sample : K5290-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1964MS

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:05:50 PM

Quant Time: Oct 11 08:09:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149781	50.848	ug/l	99
40) Benzene	6.14	78	378511	52.762	ug/l	99
41) Methacrylonitrile	5.03	41	78133	52.353	ug/l	99
42) 1,2-Dichloroethane	6.18	62	136599	53.064	ug/l	98
43) Isopropyl Acetate	6.43	43	225534	51.736	ug/l	99
44) Trichloroethene	7.21	130	102731	51.641	ug/l	99
45) 1,2-Dichloropropane	7.51	63	97543	53.349	ug/l	99
46) Dibromomethane	7.65	93	65317	53.618	ug/l	99
47) Bromodichloromethane	7.89	83	128504	54.055	ug/l	98
48) Methyl methacrylate	7.76	41	112506	52.960	ug/l	99
49) 1,4-Dioxane	7.73	88	57243	1003.980	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	729863	268.536	ug/l	100
52) Toluene	8.78	92	243819	53.125	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	139882	47.273	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	153628	52.543	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96672	53.225	ug/l	100
56) Ethyl methacrylate	9.17	69	159530	49.085	ug/l	99
57) 1,3-Dichloropropane	9.37	76	164656	52.407	ug/l	99
59) 2-Hexanone	9.49	43	562571	265.898	ug/l	100
60) Dibromochloromethane	9.58	129	98926	48.983	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101417	53.080	ug/l	100
64) Tetrachloroethene	9.33	164	128733	74.449	ug/l	98
65) Chlorobenzene	10.14	112	252751	51.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94687	55.162	ug/l	99
67) Ethyl Benzene	10.25	91	462844	52.633	ug/l	100
68) m/p-Xylenes	10.35	106	352253	107.224	ug/l	98
69) o-Xylene	10.70	106	168001	52.440	ug/l	99
70) Stvrene	10.71	104	291826	53.583	ug/l	99
71) Bromoform	10.85	173	67657	46.502	ug/l #	100
73) Isopropylbenzene	11.01	105	451199	52.530	ug/l	100
74) N-amyl acetate	10.89	43	192913	52.149	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	148030	51.816	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	124187m	47.926	ug/l	
77) Bromobenzene	11.25	156	105698	52.221	ug/l	99
78) n-propylbenzene	11.35	91	495306	52.405	ug/l	99
79) 2-Chlorotoluene	11.42	91	308976	52.017	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	383208	53.430	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	45324	45.389	ug/l	99
82) 4-Chlorotoluene	11.51	91	355994	52.288	ug/l	99
83) tert-Butylbenzene	11.76	119	357611	51.114	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	383701	52.824	ug/l	100
85) sec-Butylbenzene	11.94	105	424961	52.428	ug/l	100
86) p-Isopropyltoluene	12.06	119	390218	51.908	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	184661	49.129	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	187661	49.298	ug/l	99
89) n-Butylbenzene	12.38	91	323716	51.236	ug/l	99
90) Hexachloroethane	12.59	117	67212	48.346	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	190237	51.627	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36301	54.214	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	113814	49.307	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
Data File : VX013006.D
Acq On : 10 Oct 2019 19:13
Operator : JC/SP
Sample : K5290-07MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1964MS

Manual Integrations
APPROVED

MMDadoda
10/14/2019 1:05:50 PM

Quant Time: Oct 11 08:09:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	50002	46.938	ug/l	99
95) Naphthalene	13.83	128	405862	50.722	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	117657	49.325	ug/l	100

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

