

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007473.D
 Acq On : 11 Feb 2019 17:32
 Operator : JC/SP
 Sample : K1433-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MS

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:15:52 PM

Quant Time: Feb 12 02:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	519097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	763572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	713731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	363181	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	264946	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
35) Dibromofluoromethane	5.51	113	240667	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	8.71	98	892125	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.13	95	335477	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	278504	43.683	ug/l	97
3) Chloromethane	1.33	50	240550	41.142	ug/l	99
4) Vinyl Chloride	1.41	62	265242	46.242	ug/l	96
5) Bromomethane	1.64	94	177213	31.060	ug/l	96
6) Chloroethane	1.72	64	192497	51.878	ug/l	98
7) Trichlorofluoromethane	1.93	101	417768	46.558	ug/l	98
8) Diethyl Ether	2.19	74	157214	46.550	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	241340	45.216	ug/l	98
10) Methyl Iodide	2.51	142	271164	34.536	ug/l	98
11) Tert butyl alcohol	3.07	59	351505	308.269	ug/l	99
12) 1,1-Dichloroethene	2.37	96	223681	45.130	ug/l	98
13) Acrolein	2.29	56	126318	236.242	ug/l	97
14) Allyl chloride	2.73	41	387664	48.004	ug/l	100
15) Acrylonitrile	3.15	53	700361	248.288	ug/l	98
16) Acetone	2.45	43	591101	234.202	ug/l	99
17) Carbon Disulfide	2.57	76	579431	44.932	ug/l	99
18) Methyl Acetate	2.78	43	333198	50.661	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1672942	104.187	ug/l	100
20) Methylene Chloride	2.85	84	247862	48.064	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	237239	44.934	ug/l	100
22) Diisopropyl ether	3.87	45	708687	47.708	ug/l	97
23) Vinyl Acetate	3.82	43	2787295	226.116	ug/l	100
24) 1,1-Dichloroethane	3.70	63	396143	46.437	ug/l	100
25) 2-Butanone	4.70	43	874300	243.415	ug/l	98
26) 2,2-Dichloropropane	4.59	77	276605	42.577	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	262911	45.591	ug/l	98
28) Bromochloromethane	5.02	49	184099	46.928	ug/l	98
29) Tetrahydrofuran	5.15	42	577939	255.839	ug/l	99
30) Chloroform	5.21	83	431481	48.472	ug/l	98
31) Cyclohexane	5.57	56	597234	77.950	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	362369	48.226	ug/l	99
36) 1,1-Dichloropropene	5.80	75	299846	43.766	ug/l	99
37) Ethyl Acetate	4.85	43	307863	44.453	ug/l	99
38) Carbon Tetrachloride	5.78	117	321576	48.382	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007473.D
 Acq On : 11 Feb 2019 17:32
 Operator : JC/SP
 Sample : K1433-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 KY001MW020-190207MS

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:15:52 PM

Quant Time: Feb 12 02:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	932357	112.480	ug/l	97
40) Benzene	6.14	78	969056	48.018	ug/l	100
41) Methacrylonitrile	5.06	41	190917	51.436	ug/l	98
42) 1,2-Dichloroethane	6.20	62	318696	45.642	ug/l	94
43) Isopropyl Acetate	6.46	43	552398	51.675	ug/l	99
44) Trichloroethene	7.21	130	268490	44.173	ug/l	100
45) 1,2-Dichloropropane	7.51	63	237685	47.006	ug/l	97
46) Dibromomethane	7.66	93	168340	45.806	ug/l	93
47) Bromodichloromethane	7.90	83	304916	48.956	ug/l	97
48) Methyl methacrylate	7.77	41	265927	49.734	ug/l	100
49) 1,4-Dioxane	7.75	88	106497	876.654	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1794532	255.010	ug/l	100
52) Toluene	8.79	92	619373	47.568	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	343146	51.291	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	371061	50.435	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	248620	45.807	ug/l	98
56) Ethyl methacrylate	9.18	69	420233	55.902	ug/l	92
57) 1,3-Dichloropropane	9.37	76	409367	47.427	ug/l	100
59) 2-Hexanone	9.49	43	1318280	240.736	ug/l	98
60) Dibromochloromethane	9.59	129	273812	53.341	ug/l	98
61) 1,2-Dibromoethane	9.67	107	277825	48.335	ug/l	99
64) Tetrachloroethene	9.34	164	250396	37.222	ug/l	97
65) Chlorobenzene	10.14	112	697793	44.802	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	260654	49.916	ug/l	99
67) Ethyl Benzene	10.25	91	1365602	54.446	ug/l	100
68) m/p-Xylenes	10.36	106	1001986	100.497	ug/l	100
69) o-Xylene	10.70	106	460413	47.990	ug/l	99
70) Styrene	10.71	104	733968	47.173	ug/l	99
71) Bromoform	10.86	173	209583	46.103	ug/l	99
73) Isopropylbenzene	11.02	105	5692663	230.658	ug/l	98
74) N-amyl acetate	10.90	43	454098	47.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	375362	49.905	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	346292m	49.020	ug/l	
77) Bromobenzene	11.26	156	318692	45.830	ug/l	98
78) n-propylbenzene	11.36	91	4681630	172.988	ug/l	100
79) 2-Chlorotoluene	11.42	91	785958	47.862	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1038991	51.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	102347	45.222	ug/l	98
82) 4-Chlorotoluene	11.51	91	917117	48.266	ug/l	99
83) tert-Butylbenzene	11.77	119	1111866	55.619	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1147159	55.962	ug/l	100
85) sec-Butylbenzene	11.94	105	1535177	63.450	ug/l	91
86) p-Isopropyltoluene	12.06	119	1097066	50.230	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	566931	45.428	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	570811	45.084	ug/l	100
89) n-Butylbenzene	12.39	91	1102736	58.693	ug/l	91
90) Hexachloroethane	12.60	117	176264m	53.924	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	576488	46.418	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	87473	55.931	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	409672	48.912	ug/l #	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021119\
Data File : VX007473.D
Acq On : 11 Feb 2019 17:32
Operator : JC/SP
Sample : K1433-05MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MS

Manual Integrations
APPROVED

MMDadoda
2/12/2019 12:15:52 PM

Quant Time: Feb 12 02:01:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	196543	48.326	ug/l	99
95) Naphthalene	13.83	128	1527121	62.349	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	411935	48.860	ug/l	98

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

