

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004109.D
 Acq On : 16 Aug 2018 08:26
 Operator : JC/MD
 Sample : VX0815WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:40:13 PM

Quant Time: Aug 16 14:15:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209288	56.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.36%	
35) Dibromofluoromethane	5.51	113	162346	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	8.72	98	661695	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	235282	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54998	21.56	ug/l	99
3) Chloromethane	1.32	50	65359	20.88	ug/l	97
4) Vinyl Chloride	1.40	62	71047	20.98	ug/l	97
5) Bromomethane	1.64	94	39021	22.64	ug/l	98
6) Chloroethane	1.73	64	49755	21.31	ug/l	96
7) Trichlorofluoromethane	1.93	101	100900	21.24	ug/l	98
8) Diethyl Ether	2.18	74	42363	20.42	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61284	20.67	ug/l	99
10) Methyl Iodide	2.51	142	55727	20.85	ug/l	98
11) Tert butyl alcohol	3.04	59	67927	91.36	ug/l	100
12) 1,1-Dichloroethene	2.38	96	57980	21.03	ug/l	96
13) Acrolein	2.29	56	42156	90.85	ug/l	100
14) Allyl chloride	2.73	41	98765	18.83	ug/l	98
15) Acrylonitrile	3.14	53	191939	103.53	ug/l	100
16) Acetone	2.43	43	196921	102.58	ug/l	100
17) Carbon Disulfide	2.57	76	154759	19.79	ug/l	100
18) Methyl Acetate	2.77	43	90496	21.21	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	202397	20.84	ug/l	99
20) Methylene Chloride	2.86	84	70101	22.00	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	64443	20.58	ug/l	98
22) Diisopropyl ether	3.86	45	211198	20.55	ug/l	# 90
23) Vinyl Acetate	3.82	43	862204	102.13	ug/l	100
24) 1,1-Dichloroethane	3.70	63	121657	20.90	ug/l	99
25) 2-Butanone	4.69	43	314126	100.57	ug/l	100
26) 2,2-Dichloropropane	4.59	77	42108	9.10	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	73444	20.86	ug/l	95
28) Bromochloromethane	5.02	49	60193	22.53	ug/l	96
29) Tetrahydrofuran	5.15	42	156500	98.07	ug/l	98
30) Chloroform	5.21	83	119076	20.96	ug/l	98
31) Cyclohexane	5.58	56	103612	20.30	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	100059	21.07	ug/l	98
36) 1,1-Dichloropropene	5.81	75	87865	18.62	ug/l	100
37) Ethyl Acetate	4.85	43	96562	18.79	ug/l	99
38) Carbon Tetrachloride	5.78	117	87334	19.05	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004109.D
 Acq On : 16 Aug 2018 08:26
 Operator : JC/MD
 Sample : VX0815WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0815WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:40:13 PM

Quant Time: Aug 16 14:15:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94496	17.65	ug/l	99
40) Benzene	6.15	78	281514	19.87	ug/l	99
41) Methacrylonitrile	5.06	41	53835	18.71	ug/l	98
42) 1,2-Dichloroethane	6.20	62	99809	20.12	ug/l	99
43) Isopropyl Acetate	6.46	43	141005	18.62	ug/l	99
44) Trichloroethene	7.21	130	74254	19.30	ug/l	94
45) 1,2-Dichloropropane	7.52	63	73215	20.18	ug/l	98
46) Dibromomethane	7.67	93	47186	19.91	ug/l	98
47) Bromodichloromethane	7.90	83	88624	19.74	ug/l	99
48) Methyl methacrylate	7.78	41	73088	19.17	ug/l	98
49) 1,4-Dioxane	7.76	88	27880	324.77	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	624306	100.52	ug/l	98
52) Toluene	8.79	92	181636	20.27	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	82403	16.99	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	93024	17.32	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	74258	20.07	ug/l	98
56) Ethyl methacrylate	9.18	69	95294	18.94	ug/l	99
57) 1,3-Dichloropropane	9.37	76	124093	20.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	269208	105.06	ug/l	99
59) 2-Hexanone	9.50	43	462741	99.00	ug/l	98
60) Dibromochloromethane	9.59	129	69278	19.45	ug/l	99
61) 1,2-Dibromoethane	9.67	107	76331	20.23	ug/l	98
64) Tetrachloroethene	9.34	164	77985	21.07	ug/l	96
65) Chlorobenzene	10.14	112	193243	19.16	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.23	131	67307	19.57	ug/l	98
67) Ethyl Benzene	10.25	91	307589	19.26	ug/l	98
68) m/p-Xylenes	10.36	106	248892	39.80	ug/l	100
69) o-Xylene	10.70	106	120014	20.08	ug/l	97
70) Styrene	10.71	104	206278	20.51	ug/l	96
71) Bromoform	10.86	173	51170	18.76	ug/l #	99
73) Isopropylbenzene	11.02	105	329658	19.84	ug/l	97
74) N-amyl acetate	6.46	43	141005	18.04	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	112177	19.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95297m	19.36	ug/l	
77) Bromobenzene	11.26	156	89008	19.43	ug/l	100
78) n-propylbenzene	11.36	91	369439	19.87	ug/l	100
79) 2-Chlorotoluene	11.42	91	220889	19.49	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	271509	19.96	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21536	13.54	ug/l	92
82) 4-Chlorotoluene	11.51	91	264852	19.77	ug/l	100
83) tert-Butylbenzene	11.77	119	255079	18.60	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	287295	20.39	ug/l	99
85) sec-Butylbenzene	11.94	105	316669	19.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	282982	19.47	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	162273	18.58	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166482	18.52	ug/l	99
89) n-Butylbenzene	12.39	91	211526	18.47	ug/l	99
90) Hexachloroethane	12.60	117	38887	17.88	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	155306	19.71	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18394	18.04	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
Data File : VX004109.D
Acq On : 16 Aug 2018 08:26
Operator : JC/MD
Sample : VX0815WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBSD02

Manual Integrations
APPROVED

MMDadoda
8/16/2018 4:40:13 PM

Quant Time: Aug 16 14:15:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98927	18.37	ug/l	97
94) Hexachlorobutadiene	13.78	225	45731	16.94	ug/l	99
95) Naphthalene	13.83	128	311069	18.85	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	109194	18.60	ug/l	99

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

