

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004089.D
 Acq On : 15 Aug 2018 22:41
 Operator : JC/MD
 Sample : J4439-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:49 PM

Quant Time: Aug 16 07:08:52 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	287070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	420607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	216906	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
35) Dibromofluoromethane	5.50	113	177483	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	8.72	98	691939	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.14	95	255776	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	137690	49.27	ug/l	100
3) Chloromethane	1.32	50	163908	47.80	ug/l	99
4) Vinyl Chloride	1.40	62	181508	48.92	ug/l	98
5) Bromomethane	1.64	94	95930	51.02	ug/l	100
6) Chloroethane	1.72	64	126800	52.03	ug/l	96
7) Trichlorofluoromethane	1.93	101	254209	48.84	ug/l	99
8) Diethyl Ether	2.18	74	112655	49.58	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	155176	47.79	ug/l	100
10) Methyl Iodide	2.51	142	160296	46.60	ug/l	99
11) Tert butyl alcohol	3.05	59	227835	279.73	ug/l	99
12) 1,1-Dichloroethene	2.37	96	147368	48.80	ug/l	97
13) Acrolein	2.29	56	121945	221.96	ug/l	100
14) Allyl chloride	2.73	41	275204	47.89	ug/l	98
15) Acrylonitrile	3.15	53	556553	274.06	ug/l	100
16) Acetone	2.44	43	547034	260.13	ug/l	100
17) Carbon Disulfide	2.57	76	407376	47.56	ug/l	99
18) Methyl Acetate	2.77	43	229401	49.09	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	543426	51.07	ug/l	100
20) Methylene Chloride	2.85	84	177347	51.62	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	167205	48.75	ug/l	98
22) Diisopropyl ether	3.87	45	579368	51.45	ug/l	97
23) Vinyl Acetate	3.82	43	2316899	250.53	ug/l	99
24) 1,1-Dichloroethane	3.70	63	325597	51.05	ug/l	100
25) 2-Butanone	4.70	43	891624	260.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	176951	34.90	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	190000	49.26	ug/l	96
28) Bromochloromethane	5.02	49	153466	52.45	ug/l	99
29) Tetrahydrofuran	5.16	42	449135	256.92	ug/l	99
30) Chloroform	5.21	83	318411	51.16	ug/l	97
31) Cyclohexane	5.57	56	260259	46.55	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	265668	51.08	ug/l	99
36) 1,1-Dichloropropene	5.80	75	231512	47.01	ug/l	100
37) Ethyl Acetate	4.86	43	247992	46.24	ug/l	99
38) Carbon Tetrachloride	5.78	117	242624	50.71	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081518\
 Data File : VX004089.D
 Acq On : 15 Aug 2018 22:41
 Operator : JC/MD
 Sample : J4439-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MS

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:49 PM

Quant Time: Aug 16 07:08:52 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	262730	47.03	ug/l	99
40) Benzene	6.15	78	723163	48.91	ug/l	99
41) Methacrylonitrile	5.06	41	144395	48.08	ug/l	99
42) 1,2-Dichloroethane	6.20	62	253536	48.98	ug/l	100
43) Isopropyl Acetate	6.47	43	379059	47.96	ug/l	100
44) Trichloroethene	7.21	130	215109	53.59	ug/l	95
45) 1,2-Dichloropropane	7.52	63	184971	48.86	ug/l	100
46) Dibromomethane	7.66	93	123112	49.77	ug/l	99
47) Bromodichloromethane	7.90	83	238091	50.82	ug/l	100
48) Methyl methacrylate	7.78	41	210763	52.97	ug/l	99
49) 1,4-Dioxane	7.76	88	97782	1091.50	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1758205	271.28	ug/l	100
52) Toluene	8.79	92	463605	49.57	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	248113	49.02	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	263527	47.01	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	191319	49.54	ug/l	98
56) Ethyl methacrylate	9.18	69	276981	52.74	ug/l	99
57) 1,3-Dichloropropane	9.37	76	320391	50.00	ug/l	100
59) 2-Hexanone	9.50	43	1355573	277.90	ug/l	100
60) Dibromochloromethane	9.59	129	190668	51.30	ug/l	100
61) 1,2-Dibromoethane	9.68	107	199230	50.61	ug/l	99
64) Tetrachloroethene	9.34	164	194629	48.82	ug/l	95
65) Chlorobenzene	10.14	112	517303	47.61	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	185952	50.18	ug/l	98
67) Ethyl Benzene	10.26	91	875680	50.90	ug/l	99
68) m/p-Xylenes	10.36	106	690325	102.46	ug/l	99
69) o-Xylene	10.70	106	327755	50.90	ug/l	94
70) Stvrene	10.71	104	570226	52.62	ug/l	98
71) Bromoform	10.86	173	150155	51.10	ug/l	99
73) Isopropylbenzene	11.02	105	890612	50.76	ug/l	97
74) N-amyl acetate	6.47	43	379059	45.93	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	304462	49.69	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	264833m	50.94	ug/l	
77) Bromobenzene	11.26	156	235660	48.73	ug/l	100
78) n-propylbenzene	11.36	91	1016795	51.79	ug/l	99
79) 2-Chlorotoluene	11.42	91	606033	50.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	744137	51.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	79892	47.57	ug/l	99
82) 4-Chlorotoluene	11.51	91	712988	50.41	ug/l	100
83) tert-Butylbenzene	11.77	119	731641	50.51	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	769064	51.69	ug/l	99
85) sec-Butylbenzene	11.95	105	860879	50.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	768175	50.05	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	423899	45.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	418695	44.10	ug/l	98
89) n-Butylbenzene	12.39	91	557320	46.09	ug/l	100
90) Hexachloroethane	12.60	117	110193	47.99	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	376111	45.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53645	49.82	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	275548	48.46	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
Data File : VX004089.D
Acq On : 15 Aug 2018 22:41
Operator : JC/MD
Sample : J4439-06MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MS

Manual Integrations
APPROVED

MMDadoda
8/16/2018 4:39:49 PM

Quant Time: Aug 16 07:08:52 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)
94) Hexachlorobutadiene	13.79	225	120283	42.20	ug/l	98
95) Naphthalene	13.83	128	924946	51.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	311327	50.21	ug/l	100

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

