

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002553.D
 Acq On : 14 Jun 2018 15:53
 Operator : JC/MD
 Sample : J3404-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:51 PM

Quant Time: Jun 15 02:04:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	239858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160373	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.51	113	127630	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
50) Toluene-d8	8.72	98	462183	43.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.40%	
62) 4-Bromofluorobenzene	11.14	95	181746	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104412	41.875	ug/l	99
3) Chloromethane	1.32	50	126251	43.837	ug/l	99
4) Vinyl Chloride	1.40	62	147689	46.998	ug/l	93
5) Bromomethane	1.64	94	79691	44.441	ug/l	97
6) Chloroethane	1.72	64	106245	52.266	ug/l	99
7) Trichlorofluoromethane	1.92	101	242032	50.550	ug/l	99
8) Diethyl Ether	2.19	74	93378	55.126	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134585	52.088	ug/l	99
10) Methyl Iodide	2.51	142	166157	45.720	ug/l	99
11) Tert butyl alcohol	3.08	59	212825	307.290	ug/l	98
12) 1,1-Dichloroethene	2.37	96	122769	48.080	ug/l	95
13) Acrolein	2.29	56	56475	162.408	ug/l	98
14) Allyl chloride	2.73	41	253600	45.764	ug/l #	95
15) Acrylonitrile	3.15	53	423666	291.843	ug/l	100
16) Acetone	2.45	43	475287	328.190	ug/l	100
17) Carbon Disulfide	2.57	76	281126	41.772	ug/l	99
18) Methyl Acetate	2.78	43	234845	69.391	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	497815	56.286	ug/l	99
20) Methylene Chloride	2.86	84	142262	52.599	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	132895	47.195	ug/l	95
22) Diisopropyl ether	3.88	45	472506	51.072	ug/l	98
23) Vinyl Acetate	3.83	43	2083032	231.881	ug/l	100
24) 1,1-Dichloroethane	3.70	63	247629	45.213	ug/l	99
25) 2-Butanone	4.71	43	868402	369.250	ug/l	98
26) 2,2-Dichloropropane	4.59	77	181932	42.496	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	176797	57.733	ug/l	92
28) Bromochloromethane	5.03	49	122742	52.901	ug/l	97
29) Tetrahydrofuran	5.17	42	384836	253.800	ug/l	98
30) Chloroform	5.22	83	253444	47.956	ug/l	100
31) Cyclohexane	5.57	56	194322	44.869	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	218957	48.852	ug/l	100
36) 1,1-Dichloropropene	5.80	75	176483	47.300	ug/l	99
37) Ethyl Acetate	4.87	43	230607	51.393	ug/l	100
38) Carbon Tetrachloride	5.79	117	187948	48.151	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061418\
 Data File : VX002553.D
 Acq On : 14 Jun 2018 15:53
 Operator : JC/MD
 Sample : J3404-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MS

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:51 PM

Quant Time: Jun 15 02:04:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187205	40.661	ug/l	95
40) Benzene	6.15	78	532759	46.568	ug/l	99
41) Methacrylonitrile	5.07	41	129430	50.388	ug/l	99
42) 1,2-Dichloroethane	6.20	62	215064	47.315	ug/l	100
43) Isopropyl Acetate	6.47	43	379998	49.859	ug/l	100
44) Trichloroethene	7.21	130	165396	52.091	ug/l	99
45) 1,2-Dichloropropane	7.52	63	147091	47.625	ug/l	98
46) Dibromomethane	7.67	93	99417	47.484	ug/l	99
47) Bromodichloromethane	7.90	83	181475	47.925	ug/l	96
48) Methyl methacrylate	7.78	41	197055	51.473	ug/l	99
49) 1,4-Dioxane	7.76	88	76104	1063.196	ug/l #	84
51) 4-Methyl-2-Pentanone	8.65	43	1285648	270.879	ug/l	100
52) Toluene	8.79	92	339954	46.721	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	215599	47.478	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	204166	47.655	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	147265	49.209	ug/l	99
56) Ethyl methacrylate	9.18	69	238180	49.851	ug/l	99
57) 1,3-Dichloropropane	9.38	76	243337	48.468	ug/l	100
59) 2-Hexanone	9.50	43	985519	268.827	ug/l	98
60) Dibromochloromethane	9.59	129	151565	50.352	ug/l	99
61) 1,2-Dibromoethane	9.68	107	155190	49.735	ug/l	99
64) Tetrachloroethene	9.34	164	139984	40.836	ug/l	98
65) Chlorobenzene	10.14	112	403318	48.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	149482	49.915	ug/l	99
67) Ethyl Benzene	10.26	91	677090	48.919	ug/l	99
68) m/p-Xylenes	10.36	106	519562	96.567	ug/l	99
69) o-Xylene	10.70	106	257609	48.113	ug/l	99
70) Styrene	10.71	104	439096	50.165	ug/l	99
71) Bromoform	10.86	173	122473	45.965	ug/l	99
73) Isopropylbenzene	11.02	105	686674	46.884	ug/l	99
74) N-amyl acetate	6.47	43	379998	48.150	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	240985	52.314	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	234776m	50.819	ug/l	
77) Bromobenzene	11.26	156	194830	47.383	ug/l	98
78) n-propylbenzene	11.37	91	779967	47.912	ug/l	100
79) 2-Chlorotoluene	11.43	91	465511	45.287	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	576135	45.862	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62596	47.495	ug/l	98
82) 4-Chlorotoluene	11.51	91	556009	46.862	ug/l	100
83) tert-Butylbenzene	11.77	119	581751	47.555	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	592687	45.832	ug/l	100
85) sec-Butylbenzene	11.95	105	676391	47.164	ug/l	99
86) p-Isopropyltoluene	12.07	119	615765	47.138	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	351804	47.851	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	357777	47.212	ug/l	99
89) n-Butylbenzene	12.39	91	537468	49.058	ug/l	100
90) Hexachloroethane	12.60	117	93012	44.605	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	355944	46.793	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59046	58.615	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	258629	48.489	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002553.D
Acq On : 14 Jun 2018 15:53
Operator : JC/MD
Sample : J3404-05MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-180607MS

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:51 PM

Quant Time: Jun 15 02:04:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	125721	47.699	ug/l	99
95) Naphthalene	13.84	128	831269	54.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	261527	48.078	ug/l	100

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

