

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006160.D
 Acq On : 22 Nov 2018 08:29
 Operator : JC/MD
 Sample : J6032-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MMTW-01MSD

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:24 AM

Quant Time: Nov 22 23:20:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	432110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218896	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	176261	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.04%		
35) Dibromofluoromethane	5.50	113	141517	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.04%		
50) Toluene-d8	8.71	98	534433	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.02%		
62) 4-Bromofluorobenzene	11.14	95	197198	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.36%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	101944	48.270	ug/l	100
3) Chloromethane	1.32	50	131336	49.229	ug/l	99
4) Vinyl Chloride	1.41	62	134409	49.530	ug/l	94
5) Bromomethane	1.64	94	94774	45.750	ug/l	98
6) Chloroethane	1.72	64	89949	66.948	ug/l	96
7) Trichlorofluoromethane	1.93	101	178583	50.305	ug/l	99
8) Diethyl Ether	2.19	74	74191	49.439	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98309	46.701	ug/l	99
10) Methyl Iodide	2.51	142	109755	41.586	ug/l	99
11) Tert butyl alcohol	3.07	59	158855	226.757	ug/l	99
12) 1,1-Dichloroethene	2.37	96	100911	49.173	ug/l	99
13) Acrolein	2.29	56	98250	234.374	ug/l	100
14) Allyl chloride	2.73	41	204425	48.690	ug/l	99
15) Acrylonitrile	3.15	53	374355	241.933	ug/l	100
16) Acetone	2.45	43	339130	232.068	ug/l	100
17) Carbon Disulfide	2.57	76	300351	54.204	ug/l	97
18) Methyl Acetate	2.78	43	169597	45.256	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	366613	51.684	ug/l	99
20) Methylene Chloride	2.85	84	115019	52.015	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	110273	51.359	ug/l	93
22) Diisopropyl ether	3.87	45	482801	53.718	ug/l	95
23) Vinyl Acetate	3.82	43	1807851	242.453	ug/l	100
24) 1,1-Dichloroethane	3.70	63	215950	51.000	ug/l	99
25) 2-Butanone	4.70	43	649831	239.574	ug/l	99
26) 2,2-Dichloropropane	4.59	77	130005	37.252	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	150697	50.217	ug/l	99
28) Bromochloromethane	5.02	49	131921	53.456	ug/l	99
29) Tetrahydrofuran	5.15	42	423071	250.032	ug/l	100
30) Chloroform	5.21	83	255486	49.791	ug/l	100
31) Cyclohexane	5.57	56	216934	49.048	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	219977	53.094	ug/l	99
36) 1,1-Dichloropropene	5.80	75	189158	48.118	ug/l	99
37) Ethyl Acetate	4.85	43	215170	42.543	ug/l	100
38) Carbon Tetrachloride	5.78	117	189967	51.412	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112118\
 Data File : VX006160.D
 Acq On : 22 Nov 2018 08:29
 Operator : JC/MD
 Sample : J6032-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MMTW-01MSD

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:24 AM

Quant Time: Nov 22 23:20:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202912	45.307	ug/l	98
40) Benzene	6.14	78	571347	49.331	ug/l	99
41) Methacrylonitrile	5.06	41	132200	47.431	ug/l	99
42) 1,2-Dichloroethane	6.20	62	213910	49.402	ug/l	100
43) Isopropyl Acetate	6.46	43	341715	46.784	ug/l	99
44) Trichloroethene	7.21	130	152098	47.250	ug/l	98
45) 1,2-Dichloropropane	7.51	63	153172	49.973	ug/l	99
46) Dibromomethane	7.66	93	102793	48.970	ug/l	100
47) Bromodichloromethane	7.90	83	196177	50.531	ug/l	98
48) Methyl methacrylate	7.77	41	194070	52.390	ug/l	100
49) 1,4-Dioxane	7.75	88	71044	808.377	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1301859	248.623	ug/l	100
52) Toluene	8.79	92	363214	50.702	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	201960	49.851	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	210712	47.049	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	151146	48.718	ug/l	97
56) Ethyl methacrylate	9.18	69	231049	47.948	ug/l	99
57) 1,3-Dichloropropane	9.37	76	250243	48.934	ug/l	100
59) 2-Hexanone	9.49	43	1019395	245.308	ug/l	99
60) Dibromochloromethane	9.59	129	160691	52.829	ug/l	98
61) 1,2-Dibromoethane	9.67	107	160589	50.243	ug/l	100
64) Tetrachloroethene	9.34	164	134774	40.547	ug/l	98
65) Chlorobenzene	10.14	112	411197	49.631	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	147934	52.009	ug/l	100
67) Ethyl Benzene	10.25	91	706931	52.112	ug/l	100
68) m/p-Xylenes	10.36	106	547248	103.599	ug/l	99
69) o-Xylene	10.70	106	264337	52.388	ug/l	98
70) Styrene	10.71	104	437033	53.121	ug/l	99
71) Bromoform	10.86	173	129633	50.915	ug/l	100
73) Isopropylbenzene	11.02	105	713829	53.897	ug/l	99
74) N-amyl acetate	10.90	43	296315	44.159	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	252534	50.595	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	232266m	51.539	ug/l	
77) Bromobenzene	11.26	156	191469	51.606	ug/l	99
78) n-propylbenzene	11.36	91	822543	53.328	ug/l	100
79) 2-Chlorotoluene	11.42	91	485192	51.996	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	599190	53.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60294	45.251	ug/l	99
82) 4-Chlorotoluene	11.51	91	573420	52.657	ug/l	100
83) tert-Butylbenzene	11.77	119	609491	55.910	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	616910	54.160	ug/l	100
85) sec-Butylbenzene	11.94	105	716306	53.720	ug/l	99
86) p-Isopropyltoluene	12.07	119	633697	53.303	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	341672	49.945	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	348900	49.198	ug/l	99
89) n-Butylbenzene	12.39	91	544158	50.554	ug/l	99
90) Hexachloroethane	12.60	117	106648	56.214	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	349576	49.982	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57447	49.601	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	250983	50.941	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
Data File : VX006160.D
Acq On : 22 Nov 2018 08:29
Operator : JC/MD
Sample : J6032-06MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MMTW-01MSD

Manual Integrations
APPROVED

MMDadoda
11/26/2018 9:49:24 AM

Quant Time: Nov 22 23:20:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	114615	47.732	ug/l	99
95) Naphthalene	13.83	128	809440	55.870	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	262311	52.223	ug/l	100

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

