

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006133.D
 Acq On : 21 Nov 2018 19:39
 Operator : JC/MD
 Sample : VX1121WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:36 AM

Quant Time: Nov 22 03:50:58 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	317229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	464568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	432099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	195076	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
35) Dibromofluoromethane	5.50	113	156371	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
50) Toluene-d8	8.71	98	601592	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.14	95	219496	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45462	19.285	ug/l	95
3) Chloromethane	1.32	50	55412	18.608	ug/l	97
4) Vinyl Chloride	1.41	62	56460	18.640	ug/l	95
5) Bromomethane	1.64	94	29453	15.418	ug/l	99
6) Chloroethane	1.72	64	33531	27.087	ug/l	94
7) Trichlorofluoromethane	1.93	101	78598	19.835	ug/l	97
8) Diethyl Ether	2.19	74	32258	19.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45103	19.195	ug/l	99
10) Methyl Iodide	2.51	142	33951	11.525	ug/l	100
11) Tert butyl alcohol	3.06	59	81115	103.733	ug/l	96
12) 1,1-Dichloroethene	2.37	96	42705	18.643	ug/l	98
13) Acrolein	2.29	56	43386	92.722	ug/l	99
14) Allyl chloride	2.73	41	88707	18.929	ug/l	98
15) Acrylonitrile	3.15	53	165986	96.103	ug/l	99
16) Acetone	2.45	43	155956	95.610	ug/l	99
17) Carbon Disulfide	2.57	76	128242	20.734	ug/l	99
18) Methyl Acetate	2.78	43	85096	20.343	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	156987	19.828	ug/l	99
20) Methylene Chloride	2.85	84	49668	19.908	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	46177	19.268	ug/l	97
22) Diisopropyl ether	3.87	45	209146	20.847	ug/l	92
23) Vinyl Acetate	3.82	43	849688	102.089	ug/l	99
24) 1,1-Dichloroethane	3.70	63	91902	19.445	ug/l	98
25) 2-Butanone	4.70	43	298546	98.606	ug/l	100
26) 2,2-Dichloropropane	4.58	77	71748	18.418	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65231	19.474	ug/l	98
28) Bromochloromethane	5.01	49	57204	20.766	ug/l	96
29) Tetrahydrofuran	5.15	42	192633	101.992	ug/l	99
30) Chloroform	5.21	83	110825	19.350	ug/l	96
31) Cyclohexane	5.57	56	95323	19.308	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	92630	20.029	ug/l	100
36) 1,1-Dichloropropene	5.80	75	80608	19.072	ug/l	99
37) Ethyl Acetate	4.85	43	104814	19.276	ug/l	99
38) Carbon Tetrachloride	5.78	117	77612	19.537	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006133.D
 Acq On : 21 Nov 2018 19:39
 Operator : JC/MD
 Sample : VX1121WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:52:36 AM

Quant Time: Nov 22 03:50:58 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	91319	18.966	ug/l	97
40) Benzene	6.14	78	246218	19.774	ug/l	97
41) Methacrylonitrile	5.06	41	59327	19.798	ug/l	99
42) 1,2-Dichloroethane	6.20	62	91260	19.604	ug/l	100
43) Isopropyl Acetate	6.46	43	155491	19.801	ug/l	99
44) Trichloroethene	7.21	130	68294	19.734	ug/l	99
45) 1,2-Dichloropropane	7.51	63	65842	19.980	ug/l	98
46) Dibromomethane	7.66	93	43629	19.333	ug/l	100
47) Bromodichloromethane	7.90	83	79649	19.083	ug/l	98
48) Methyl methacrylate	7.77	41	82700	20.765	ug/l	98
49) 1,4-Dioxane	7.75	88	36607	387.432	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	565730	100.492	ug/l	99
52) Toluene	8.79	92	154659	20.081	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	82091	18.847	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	93402	19.398	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	63875	19.150	ug/l	97
56) Ethyl methacrylate	9.18	69	92692	19.688	ug/l	98
57) 1,3-Dichloropropane	9.37	76	107329	19.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	274380	98.827	ug/l	100
59) 2-Hexanone	9.49	43	444495	99.490	ug/l	99
60) Dibromochloromethane	9.59	129	62660	19.161	ug/l	98
61) 1,2-Dibromoethane	9.67	107	67077	19.520	ug/l	99
64) Tetrachloroethene	9.34	164	71276	20.044	ug/l	98
65) Chlorobenzene	10.14	112	176958	19.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	59705	19.621	ug/l	99
67) Ethyl Benzene	10.25	91	299801	20.658	ug/l	99
68) m/p-Xylenes	10.36	106	230971	40.872	ug/l	99
69) o-Xylene	10.70	106	112723	20.883	ug/l	97
70) Styrene	10.71	104	180353	20.492	ug/l	98
71) Bromoform	10.86	173	49857	18.304	ug/l #	99
73) Isopropylbenzene	11.02	105	302298	21.439	ug/l	100
74) N-amyl acetate	10.90	43	128745	19.319	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	104315	19.630	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	99527m	20.744	ug/l	
77) Bromobenzene	11.26	156	81104	20.532	ug/l	99
78) n-propylbenzene	11.36	91	347086	21.136	ug/l	100
79) 2-Chlorotoluene	11.42	91	207195	20.856	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	250310	21.055	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25894	18.253	ug/l	97
82) 4-Chlorotoluene	11.51	91	243410	20.995	ug/l	100
83) tert-Butylbenzene	11.77	119	246485	21.237	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	260696	21.497	ug/l	99
85) sec-Butylbenzene	11.94	105	303692	21.392	ug/l	99
86) p-Isopropyltoluene	12.07	119	267446	21.130	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	145167	19.932	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	150007	19.868	ug/l	99
89) n-Butylbenzene	12.39	91	232675	20.304	ug/l	99
90) Hexachloroethane	12.60	117	40307	19.956	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	145076	19.483	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23847	19.340	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
Data File : VX006133.D
Acq On : 21 Nov 2018 19:39
Operator : JC/MD
Sample : VX1121WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Manual Integrations
APPROVED

MMDadoda
11/26/2018 10:52:36 AM

Quant Time: Nov 22 03:50:58 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)
93) 1,2,4-Trichlorobenzene	13.65	180	107917	20.573	ug/l	99
94) Hexachlorobutadiene	13.78	225	49938	19.534	ug/l	99
95) Naphthalene	13.83	128	351861	22.812	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109373	20.452	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112118\
Data File : VX006133.D
Acq On : 21 Nov 2018 19:39
Operator : JC/MD
Sample : VX1121WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample ID :
VX1121WBSD01

Manual Integrations
APPROVED

MMDadoda
11/26/2018 10:52:36 AM

Quant Time: Nov 22 03:50:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration

