

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005830.D
 Acq On : 07 Nov 2018 16:24
 Operator : JC/MD
 Sample : VX1107WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:47 AM

Quant Time: Nov 08 07:52:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	123162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	161636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	138697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77291	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	71531	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	5.49	113	55911	50.86	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.71	98	188482	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.14	95	69692	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	24793	22.327	ug/l	92
3) Chloromethane	1.32	50	30718	21.078	ug/l	98
4) Vinyl Chloride	1.40	62	29847	20.401	ug/l	93
5) Bromomethane	1.64	94	16623	18.567	ug/l	98
6) Chloroethane	1.72	64	17444	19.983	ug/l	94
7) Trichlorofluoromethane	1.93	101	38275	19.710	ug/l	93
8) Diethyl Ether	2.18	74	15218	19.999	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	22904	20.507	ug/l	98
10) Methyl Iodide	2.51	142	23228	17.160	ug/l	98
11) Tert butyl alcohol	3.06	59	37191	91.692	ug/l	99
12) 1,1-Dichloroethene	2.37	96	21184	19.460	ug/l	95
13) Acrolein	2.29	56	16673	98.766	ug/l	98
14) Allyl chloride	2.73	41	48046	19.761	ug/l	98
15) Acrylonitrile	3.15	53	83343	99.150	ug/l	97
16) Acetone	2.45	43	73392	96.270	ug/l #	87
17) Carbon Disulfide	2.57	76	62043	19.107	ug/l	99
18) Methyl Acetate	2.78	43	41958	19.636	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	73446	19.767	ug/l	92
20) Methylene Chloride	2.86	84	24353	19.447	ug/l	83
21) trans-1,2-Dichloroethene	3.17	96	23118	20.134	ug/l	91
22) Diisopropyl ether	3.87	45	81547	19.146	ug/l #	95
23) Vinyl Acetate	3.82	43	359660	98.487	ug/l	99
24) 1,1-Dichloroethane	3.70	63	45171	19.879	ug/l	99
25) 2-Butanone	4.70	43	120999	100.954	ug/l	100
26) 2,2-Dichloropropane	4.59	77	34838	20.900	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	25646	20.228	ug/l	98
28) Bromochloromethane	5.02	49	21916	21.580	ug/l	97
29) Tetrahydrofuran	5.15	42	77679	100.939	ug/l	99
30) Chloroform	5.21	83	42643	19.451	ug/l	86
31) Cyclohexane	5.58	56	39106	19.826	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	36246	19.822	ug/l	99
36) 1,1-Dichloropropene	5.80	75	33310	21.377	ug/l	96
37) Ethyl Acetate	4.85	43	43355	21.158	ug/l	99
38) Carbon Tetrachloride	5.77	117	32353	20.740	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005830.D
 Acq On : 07 Nov 2018 16:24
 Operator : JC/MD
 Sample : VX1107WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:47 AM

Quant Time: Nov 08 07:52:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34479	21.832	ug/l	89
40) Benzene	6.14	78	101237	22.286	ug/l	93
41) Methacrylonitrile	5.06	41	23548	21.268	ug/l	99
42) 1,2-Dichloroethane	6.20	62	33340	20.491	ug/l	98
43) Isopropyl Acetate	6.46	43	62029	20.891	ug/l	97
44) Trichloroethene	7.21	130	22918	19.867	ug/l	97
45) 1,2-Dichloropropane	7.51	63	23076	20.930	ug/l	97
46) Dibromomethane	7.66	93	15197	21.965	ug/l	98
47) Bromodichloromethane	7.90	83	27641	21.140	ug/l	99
48) Methyl methacrylate	7.77	41	27860	20.897	ug/l	99
49) 1,4-Dioxane	7.75	88	11772	409.767	ug/l #	93
51) 4-Methyl-2-Pentanone	8.65	43	188930	100.964	ug/l	99
52) Toluene	8.78	92	51528	20.296	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	29368	19.033	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	32754	20.827	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	20945	18.511	ug/l	98
56) Ethyl methacrylate	9.18	69	30884	18.243	ug/l	98
57) 1,3-Dichloropropane	9.37	76	35404	18.620	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	92091	104.800	ug/l	99
59) 2-Hexanone	9.49	43	148737	90.174	ug/l	98
60) Dibromochloromethane	9.59	129	21768	17.801	ug/l	100
61) 1,2-Dibromoethane	9.67	107	22078	17.646	ug/l	100
64) Tetrachloroethene	9.34	164	23414	19.828	ug/l	99
65) Chlorobenzene	10.14	112	56851	20.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	20730	21.460	ug/l	100
67) Ethyl Benzene	10.25	91	96993	21.769	ug/l	99
68) m/p-Xylenes	10.36	106	75610	44.490	ug/l	99
69) o-Xylene	10.70	106	35401	23.230	ug/l	100
70) Styrene	10.71	104	59463	23.653	ug/l	99
71) Bromoform	10.86	173	17442	21.539	ug/l #	99
73) Isopropylbenzene	11.02	105	98884	22.123	ug/l	99
74) N-amyl acetate	10.90	43	46040	19.150	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	33171	20.219	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	32959m	20.942	ug/l	
77) Bromobenzene	11.26	156	26100	20.717	ug/l	99
78) n-propylbenzene	11.36	91	115793	21.982	ug/l	99
79) 2-Chlorotoluene	11.42	91	68615	21.550	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	84493	22.245	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9981	20.213	ug/l	95
82) 4-Chlorotoluene	11.51	91	81872	21.819	ug/l	100
83) tert-Butylbenzene	11.77	119	81658	21.251	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	87204	20.734	ug/l	98
85) sec-Butylbenzene	11.94	105	101066	21.508	ug/l	100
86) p-Isopropyltoluene	12.07	119	90364	21.710	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	48572	20.090	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	49988	20.197	ug/l	99
89) n-Butylbenzene	12.39	91	81270	21.068	ug/l	99
90) Hexachloroethane	12.60	117	14093	20.280	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	48428	19.995	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8514	21.267	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110718\
Data File : VX005830.D
Acq On : 07 Nov 2018 16:24
Operator : JC/MD
Sample : VX1107WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:47 AM

Quant Time: Nov 08 07:52:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	36276	21.275	ug/l	99
94) Hexachlorobutadiene	13.79	225	18669	20.844	ug/l	99
95) Naphthalene	13.83	128	106408	19.863	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	37031	21.318	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110718\
Data File : VX005830.D
Acq On : 07 Nov 2018 16:24
Operator : JC/MD
Sample : VX1107WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX1107WBS01

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:47 AM

Quant Time: Nov 08 07:52:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

