

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006539.D
 Acq On : 15 Dec 2018 03:00
 Operator : JC/MD
 Sample : VX1214WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:40 PM

Quant Time: Dec 15 05:46:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	541747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	870629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	800787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	413527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	299084	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	5.50	113	273689	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	1015006	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.13	95	388160	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103868	19.581	ug/l	96
3) Chloromethane	1.33	50	116222	21.321	ug/l	94
4) Vinyl Chloride	1.41	62	128816	21.957	ug/l	97
5) Bromomethane	1.64	94	127359	31.324	ug/l	98
6) Chloroethane	1.72	64	82638	22.973	ug/l	99
7) Trichlorofluoromethane	1.93	101	198112	21.999	ug/l	96
8) Diethyl Ether	2.19	74	77937	22.867	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	109231	21.331	ug/l	99
10) Methyl Iodide	2.51	142	177796	23.039	ug/l	99
11) Tert butyl alcohol	3.07	59	168104	111.148	ug/l	100
12) 1,1-Dichloroethene	2.38	96	109844	22.408	ug/l	88
13) Acrolein	2.29	56	47202	57.101	ug/l	99
14) Allyl chloride	2.73	41	177532	18.333	ug/l	97
15) Acrylonitrile	3.15	53	343239	108.755	ug/l	98
16) Acetone	2.45	43	279772	107.797	ug/l	96
17) Carbon Disulfide	2.57	76	268277	17.760	ug/l	99
18) Methyl Acetate	2.78	43	192381	22.165	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	383324	21.920	ug/l	98
20) Methylene Chloride	2.86	84	126376	22.879	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	117633	22.518	ug/l	93
22) Diisopropyl ether	3.87	45	344492	22.776	ug/l	94
23) Vinyl Acetate	3.82	43	1349425	104.602	ug/l	98
24) 1,1-Dichloroethane	3.70	63	195296	22.590	ug/l	99
25) 2-Butanone	4.70	43	412862	111.487	ug/l	99
26) 2,2-Dichloropropane	4.59	77	119447	14.971	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	134024	23.000	ug/l	96
28) Bromochloromethane	5.02	49	77073	20.410	ug/l	100
29) Tetrahydrofuran	5.16	42	282178	109.638	ug/l	97
30) Chloroform	5.21	83	210136	23.130	ug/l	97
31) Cyclohexane	5.58	56	173598	21.728	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	181968	21.051	ug/l	98
36) 1,1-Dichloropropene	5.80	75	155470	21.206	ug/l	100
37) Ethyl Acetate	4.85	43	162352	19.774	ug/l	97
38) Carbon Tetrachloride	5.79	117	153631	17.812	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006539.D
 Acq On : 15 Dec 2018 03:00
 Operator : JC/MD
 Sample : VX1214WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1214WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:40 PM

Quant Time: Dec 15 05:46:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188522	19.810	ug/l	99
40) Benzene	6.15	78	480535	21.884	ug/l	100
41) Methacrylonitrile	5.06	41	89205	19.745	ug/l	97
42) 1,2-Dichloroethane	6.20	62	158902	22.111	ug/l	99
43) Isopropyl Acetate	6.46	43	252719	18.461	ug/l	99
44) Trichloroethene	7.21	130	139817	21.018	ug/l	95
45) 1,2-Dichloropropane	7.52	63	116665	20.904	ug/l	98
46) Dibromomethane	7.66	93	86058	21.351	ug/l	94
47) Bromodichloromethane	7.90	83	138648	17.763	ug/l	98
48) Methyl methacrylate	7.77	41	129312	19.417	ug/l	97
49) 1,4-Dioxane	7.75	88	70981	432.453	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	815810	102.372	ug/l	97
52) Toluene	8.79	92	315728	21.855	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	147086	16.113	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	164956	17.403	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	130736	22.276	ug/l	99
56) Ethyl methacrylate	9.18	69	187362	20.421	ug/l	96
57) 1,3-Dichloropropane	9.37	76	205445	22.137	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	448900	96.414	ug/l	100
59) 2-Hexanone	9.49	43	629896	103.459	ug/l	99
60) Dibromochloromethane	9.59	129	121415	16.777	ug/l	98
61) 1,2-Dibromoethane	9.67	107	139720	21.291	ug/l	100
64) Tetrachloroethene	9.34	164	137696	22.833	ug/l	96
65) Chlorobenzene	10.14	112	365960	21.528	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	118674	17.968	ug/l	97
67) Ethyl Benzene	10.25	91	603456	21.344	ug/l	99
68) m/p-Xylenes	10.36	106	486374	42.946	ug/l	98
69) o-Xylene	10.70	106	239405	21.401	ug/l	100
70) Styrene	10.71	104	381212	21.070	ug/l	100
71) Bromoform	10.86	173	84936	13.623	ug/l #	98
73) Isopropylbenzene	11.02	105	628853	22.020	ug/l	99
74) N-amyl acetate	10.90	43	226768	18.440	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	192218	21.039	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	173590m	21.748	ug/l	
77) Bromobenzene	11.26	156	168888	21.310	ug/l	98
78) n-propylbenzene	11.36	91	686063	21.612	ug/l	100
79) 2-Chlorotoluene	11.42	91	411321	21.800	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	515550	21.698	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40861	12.014	ug/l #	78
82) 4-Chlorotoluene	11.51	91	472981	21.561	ug/l	100
83) tert-Butylbenzene	11.77	119	530758	20.936	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	536397	21.862	ug/l	99
85) sec-Butylbenzene	11.94	105	630051	21.845	ug/l	100
86) p-Isopropyltoluene	12.06	119	554528	21.352	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	303014	21.487	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	303288	21.190	ug/l	98
89) n-Butylbenzene	12.39	91	455392	20.551	ug/l	99
90) Hexachloroethane	12.60	117	79548	15.029	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	305162	21.804	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36603	15.629	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
Data File : VX006539.D
Acq On : 15 Dec 2018 03:00
Operator : JC/MD
Sample : VX1214WBSD02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD02

Manual Integrations
APPROVED

MMDadoda
12/17/2018 12:12:40 PM

Quant Time: Dec 15 05:46:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	204105	19.989	ug/l	100
94) Hexachlorobutadiene	13.78	225	89871	19.902	ug/l	98
95) Naphthalene	13.83	128	659410	20.761	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	205196	20.290	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006539.D
 Acq On : 15 Dec 2018 03:00
 Operator : JC/MD
 Sample : VX1214WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX1214WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:40 PM

Quant Time: Dec 15 05:46:29 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

