

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010300.D
 Acq On : 14 Jun 2019 15:06
 Operator : JC/SP
 Sample : VX0614WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 10:36:11 AM

Quant Time: Jun 15 01:49:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213068	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130192	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	88.16%		
35) Dibromofluoromethane	5.50	113	130203	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.62%		
50) Toluene-d8	8.71	98	491740	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.32%		
62) 4-Bromofluorobenzene	11.13	95	179545	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.26%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	54927	19.727	ug/l	99
3) Chloromethane	1.33	50	53265	19.263	ug/l	99
4) Vinyl Chloride	1.41	62	55637	21.408	ug/l	100
5) Bromomethane	1.64	94	28069	28.622	ug/l	99
6) Chloroethane	1.72	64	32819	25.047	ug/l	98
7) Trichlorofluoromethane	1.93	101	88815	23.007	ug/l	98
8) Diethyl Ether	2.19	74	31212	23.458	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51327	19.288	ug/l	91
10) Methyl Iodide	2.51	142	71934	17.447	ug/l	97
11) Tert butyl alcohol	3.04	59	87139	120.429	ug/l	96
12) 1,1-Dichloroethene	2.37	96	51244	18.854	ug/l #	78
13) Acrolein	2.29	56	8402	63.682	ug/l	99
14) Allyl chloride	2.73	41	75445	18.389	ug/l #	88
15) Acrylonitrile	3.14	53	153596	103.854	ug/l	99
16) Acetone	2.44	43	133939	96.412	ug/l	89
17) Carbon Disulfide	2.57	76	126281	16.080	ug/l	98
18) Methyl Acetate	2.78	43	64520	21.118	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	169357	19.395	ug/l	92
20) Methylene Chloride	2.85	84	58869	19.295	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	53975	17.945	ug/l #	77
22) Diisopropyl ether	3.85	45	156218	19.915	ug/l #	94
23) Vinyl Acetate	3.82	43	689636	98.551	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	90310	18.962	ug/l	96
25) 2-Butanone	4.67	43	210575	101.791	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	74841	17.225	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	66202	19.784	ug/l	76
28) Bromochloromethane	5.01	49	39131	18.333	ug/l #	47
29) Tetrahydrofuran	5.13	42	132967	102.276	ug/l #	76
30) Chloroform	5.21	83	97856	19.784	ug/l	98
31) Cyclohexane	5.57	56	81058	18.858	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	86210	18.540	ug/l	94
36) 1,1-Dichloropropene	5.80	75	69041	18.365	ug/l	92
37) Ethyl Acetate	4.83	43	76802	19.635	ug/l #	92
38) Carbon Tetrachloride	5.79	117	76751	18.037	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010300.D
 Acq On : 14 Jun 2019 15:06
 Operator : JC/SP
 Sample : VX0614WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0614WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 10:36:11 AM

Quant Time: Jun 15 01:49:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91865	17.945	ug/l #	82
40) Benzene	6.14	78	225376	19.387	ug/l	98
41) Methacrylonitrile	5.04	41	41204	19.473	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	69964	18.852	ug/l	92
43) Isopropyl Acetate	6.45	43	125997	19.265	ug/l #	88
44) Trichloroethene	7.21	130	66944	19.105	ug/l	85
45) 1,2-Dichloropropane	7.51	63	56726	19.496	ug/l	100
46) Dibromomethane	7.66	93	40634	18.641	ug/l	91
47) Bromodichloromethane	7.90	83	74613	18.318	ug/l	97
48) Methyl methacrylate	7.77	41	58985	19.285	ug/l #	77
49) 1,4-Dioxane	7.74	88	34908	400.298	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	409568	104.828	ug/l	89
52) Toluene	8.78	92	146159	19.127	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82534	17.518	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90831	17.983	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	63596	20.321	ug/l	95
56) Ethyl methacrylate	9.18	69	93893	18.993	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	96099	19.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	184128	79.007	ug/l #	87
59) 2-Hexanone	9.49	43	322959	103.674	ug/l	88
60) Dibromochloromethane	9.58	129	67640	18.273	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66573	19.100	ug/l	100
64) Tetrachloroethene	9.34	164	64576	20.905	ug/l	99
65) Chlorobenzene	10.14	112	166218	19.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62099	18.812	ug/l	99
67) Ethyl Benzene	10.25	91	282041	19.301	ug/l	94
68) m/p-Xylenes	10.36	106	219875	38.884	ug/l	89
69) o-Xylene	10.69	106	108615	19.323	ug/l	89
70) Styrene	10.71	104	183448	19.270	ug/l	95
71) Bromoform	10.85	173	54074	17.819	ug/l #	98
73) Isopropylbenzene	11.02	105	285145	19.171	ug/l	95
74) N-amyl acetate	10.90	43	112454	19.126	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	98785	19.402	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80011m	18.774	ug/l	
77) Bromobenzene	11.26	156	78203	19.120	ug/l	80
78) n-propylbenzene	11.36	91	313670	18.943	ug/l	95
79) 2-Chlorotoluene	11.42	91	185193	18.622	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	237765	18.979	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	31742	16.456	ug/l	88
82) 4-Chlorotoluene	11.51	91	210127	18.600	ug/l	91
83) tert-Butylbenzene	11.77	119	239088	18.856	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	240016	18.968	ug/l	97
85) sec-Butylbenzene	11.94	105	278298	18.839	ug/l	95
86) p-Isopropyltoluene	12.06	119	255384	18.911	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	136658	18.969	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	137299	18.905	ug/l	98
89) n-Butylbenzene	12.38	91	215613	18.548	ug/l	97
90) Hexachloroethane	12.59	117	44474	16.532	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	139277	19.885	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20812	17.371	ug/l	64

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
Data File : VX010300.D
Acq On : 14 Jun 2019 15:06
Operator : JC/SP
Sample : VX0614WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBSD01

Manual Integrations
APPROVED

MMDadoda
6/17/2019 10:36:11 AM

Quant Time: Jun 15 01:49:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96809	18.883	ug/l	99
94) Hexachlorobutadiene	13.78	225	45617	20.007	ug/l	98
95) Naphthalene	13.83	128	308142	19.093	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	98702	19.471	ug/l	100

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

