

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012094.D
 Acq On : 05 Sep 2019 12:04
 Operator : SY/SP
 Sample : VX0905SBS01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 3:47:11 PM

Quant Time: Sep 06 05:57:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	131463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	235600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	215286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	88127	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.48	113	70558	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.71	98	270317	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.14	95	117437	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	24465	20.181	ug/l	99
3) Chloromethane	1.31	50	24393	19.647	ug/l	100
4) Vinyl Chloride	1.39	62	23030	19.716	ug/l	99
5) Bromomethane	1.62	94	11276	19.460	ug/l	95
6) Chloroethane	1.70	64	14999	20.655	ug/l	100
7) Trichlorofluoromethane	1.91	101	37786	20.827	ug/l	98
8) Diethyl Ether	2.17	74	12137	19.358	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27355	20.357	ug/l #	84
10) Methyl Iodide	2.50	142	16545	17.449	ug/l	93
11) Tert butyl alcohol	3.03	59	16161	92.758	ug/l #	91
12) 1,1-Dichloroethene	2.36	96	24640	19.034	ug/l	87
13) Acrolein	2.28	56	5206	97.747	ug/l	96
14) Allyl chloride	2.71	41	45725	19.521	ug/l	97
15) Acrylonitrile	3.12	53	37217	94.465	ug/l	98
16) Acetone	2.43	43	39599	91.333	ug/l	99
17) Carbon Disulfide	2.56	76	63169	16.697	ug/l	100
18) Methyl Acetate	2.76	43	19716	19.303	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	82379	19.547	ug/l	99
20) Methylene Chloride	2.84	84	34032	19.547	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	29219	19.235	ug/l	92
22) Diisopropyl ether	3.84	45	96136	20.136	ug/l	97
23) Vinyl Acetate	3.80	43	297969	96.478	ug/l	100
24) 1,1-Dichloroethane	3.68	63	55032	19.874	ug/l	98
25) 2-Butanone	4.66	43	52629	95.360	ug/l	95
26) 2,2-Dichloropropane	4.56	77	52755	20.636	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	34801	19.544	ug/l	92
28) Bromochloromethane	5.00	49	22828	20.653	ug/l	83
29) Tetrahydrofuran	5.12	42	31884	95.886	ug/l	98
30) Chloroform	5.19	83	59585	20.054	ug/l	97
31) Cyclohexane	5.56	56	42700	19.201	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	53815	20.796	ug/l	97
36) 1,1-Dichloropropene	5.79	75	40677	19.603	ug/l	95
37) Ethyl Acetate	4.81	43	22098	19.584	ug/l	96
38) Carbon Tetrachloride	5.77	117	44995	20.578	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012094.D
 Acq On : 05 Sep 2019 12:04
 Operator : SY/SP
 Sample : VX0905SBS01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0905SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 3:47:11 PM

Quant Time: Sep 06 05:57:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	46627	19.361	ug/l	93
40) Benzene	6.13	78	117751	19.767	ug/l	98
41) Methacrylonitrile	5.03	41	13426	19.952	ug/l	97
42) 1,2-Dichloroethane	6.18	62	45084	21.031	ug/l	96
43) Isopropyl Acetate	6.43	43	45337	19.760	ug/l	99
44) Trichloroethene	7.20	130	32167	20.020	ug/l	87
45) 1,2-Dichloropropane	7.51	63	31395	20.398	ug/l	94
46) Dibromomethane	7.65	93	17824	19.838	ug/l #	72
47) Bromodichloromethane	7.89	83	45989	20.137	ug/l	99
48) Methyl methacrylate	7.76	41	22081	19.140	ug/l	98
49) 1,4-Dioxane	7.73	88	5708	362.953	ug/l #	86
51) 4-Methyl-2-Pentanone	8.64	43	116295	99.652	ug/l	97
52) Toluene	8.78	92	77230	19.925	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	45833	19.385	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	50634	19.258	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	25376	19.756	ug/l	93
56) Ethyl methacrylate	9.17	69	35829	19.473	ug/l	95
57) 1,3-Dichloropropane	9.37	76	44088	19.891	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	84834	102.273	ug/l	93
59) 2-Hexanone	9.48	43	84765	99.543	ug/l	98
60) Dibromochloromethane	9.57	129	29556	19.307	ug/l	99
61) 1,2-Dibromoethane	9.67	107	24091	19.409	ug/l	97
64) Tetrachloroethene	9.33	164	26912	20.051	ug/l #	88
65) Chlorobenzene	10.14	112	84925	19.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	31220	20.101	ug/l	98
67) Ethyl Benzene	10.25	91	156306	20.187	ug/l	96
68) m/p-Xylenes	10.36	106	115581	40.516	ug/l	91
69) o-Xylene	10.70	106	55567	20.087	ug/l	89
70) Styrene	10.71	104	96653	20.116	ug/l	94
71) Bromoform	10.85	173	16661	19.530	ug/l #	93
73) Isopropylbenzene	11.01	105	159288	20.471	ug/l	97
74) N-amyl acetate	10.89	43	43413	18.870	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	30842	19.013	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	23718m	18.304	ug/l	
77) Bromobenzene	11.25	156	34502	19.826	ug/l	71
78) n-propylbenzene	11.35	91	190634	20.279	ug/l	94
79) 2-Chlorotoluene	11.42	91	116321	20.425	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	140424	20.593	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	9539	17.404	ug/l	89
82) 4-Chlorotoluene	11.51	91	139124	20.495	ug/l	91
83) tert-Butylbenzene	11.76	119	134428	20.683	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	140961	20.113	ug/l	94
85) sec-Butylbenzene	11.94	105	164240	20.345	ug/l	93
86) p-Isopropyltoluene	12.06	119	147091	20.035	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	67972	19.492	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	69721	19.996	ug/l	93
89) n-Butylbenzene	12.39	91	143165	20.074	ug/l	95
90) Hexachloroethane	12.59	117	27678	18.882	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	63499	20.219	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6159	18.144	ug/l	65

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
Data File : VX012094.D
Acq On : 05 Sep 2019 12:04
Operator : SY/SP
Sample : VX0905SBS01
Misc : 5.00g/5.0mL/MSVOA X/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS01

Manual Integrations
APPROVED

MMDadoda
9/6/2019 3:47:11 PM

Quant Time: Sep 06 05:57:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	41161	18.413	ug/l	97
94) Hexachlorobutadiene	13.78	225	22032	19.552	ug/l	99
95) Naphthalene	13.83	128	84387	17.442	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	35243	17.921	ug/l	95

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

