

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011990.D
 Acq On : 01 Sep 2019 14:15
 Operator : SY/SP
 Sample : VX0901SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/5/2019 2:05:10 AM

Quant Time: Sep 02 04:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	377634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	488532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	452788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275415	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	156790	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
35) Dibromofluoromethane	5.48	113	148578	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	8.71	98	551182	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.14	95	229792	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	51809	22.731	ug/l 100
3) Chloromethane	1.31	50	48048	18.185	ug/l 97
4) Vinyl Chloride	1.39	62	49414	19.585	ug/l 100
5) Bromomethane	1.62	94	32015	18.339	ug/l 100
6) Chloroethane	1.70	64	30204	19.235	ug/l 100
7) Trichlorofluoromethane	1.91	101	91602	20.906	ug/l 99
8) Diethyl Ether	2.17	74	27228	18.082	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60608	21.223	ug/l 98
10) Methyl Iodide	2.50	142	46079	17.368	ug/l 98
11) Tert butyl alcohol	3.03	59	31541	90.613	ug/l 99
12) 1,1-Dichloroethene	2.36	96	50988	19.224	ug/l 99
13) Acrolein	2.28	56	13641	78.736	ug/l 99
14) Allyl chloride	2.71	41	88788	17.846	ug/l 97
15) Acrylonitrile	3.13	53	74310	89.840	ug/l 99
16) Acetone	2.43	43	76564	98.353	ug/l 100
17) Carbon Disulfide	2.55	76	131620	17.301	ug/l 99
18) Methyl Acetate	2.76	43	37719	17.504	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	159725	18.589	ug/l 99
20) Methylene Chloride	2.84	84	61535	15.098	ug/l 94
21) trans-1,2-Dichloroethene	3.15	96	58805	18.822	ug/l 99
22) Diisopropyl ether	3.84	45	183294	18.046	ug/l 93
23) Vinyl Acetate	3.80	43	579767	88.782	ug/l 99
24) 1,1-Dichloroethane	3.68	63	105791	18.888	ug/l 99
25) 2-Butanone	4.65	43	104723	92.364	ug/l 96
26) 2,2-Dichloropropane	4.56	77	100636	21.422	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	70623	19.190	ug/l 99
28) Bromochloromethane	5.00	49	43458	17.291	ug/l 92
29) Tetrahydrofuran	5.12	42	62500	88.317	ug/l 98
30) Chloroform	5.19	83	115084	19.216	ug/l 98
31) Cyclohexane	5.56	56	89620	19.837	ug/l 95
32) 1,1,1-Trichloroethane	5.48	97	109077	20.504	ug/l 99
36) 1,1-Dichloropropene	5.78	75	82182	21.234	ug/l 99
37) Ethyl Acetate	4.81	43	42488	18.546	ug/l 99
38) Carbon Tetrachloride	5.77	117	99621	22.194	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011990.D
 Acq On : 01 Sep 2019 14:15
 Operator : SY/SP
 Sample : VX0901SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0901SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/5/2019 2:05:10 AM

Quant Time: Sep 02 04:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	100974	21.903	ug/l	96
40) Benzene	6.13	78	234426	20.292	ug/l	100
41) Methacrylonitrile	5.03	41	24903	18.461	ug/l	94
42) 1,2-Dichloroethane	6.18	62	78557	19.995	ug/l	98
43) Isopropyl Acetate	6.43	43	88219	18.993	ug/l	99
44) Trichloroethene	7.20	130	75675	21.171	ug/l	97
45) 1,2-Dichloropropane	7.50	63	58690	19.421	ug/l	99
46) Dibromomethane	7.65	93	34760	19.382	ug/l	95
47) Bromodichloromethane	7.89	83	90404	20.328	ug/l	98
48) Methyl methacrylate	7.76	41	42041	18.602	ug/l	97
49) 1,4-Dioxane	7.73	88	12653	407.131	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	224036	94.944	ug/l	100
52) Toluene	8.78	92	156965	20.537	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	90143	19.788	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	101567	19.862	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	52069	19.832	ug/l	98
56) Ethyl methacrylate	9.17	69	69718	19.132	ug/l	99
57) 1,3-Dichloropropane	9.37	76	85877	19.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	164837	94.974	ug/l	97
59) 2-Hexanone	9.48	43	165640	98.822	ug/l	100
60) Dibromochloromethane	9.57	129	71468	20.267	ug/l	99
61) 1,2-Dibromoethane	9.67	107	51921	19.946	ug/l	100
64) Tetrachloroethene	9.33	164	79008	21.692	ug/l	98
65) Chlorobenzene	10.14	112	184904	21.073	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	75708	21.337	ug/l	99
67) Ethyl Benzene	10.25	91	320038	21.443	ug/l	97
68) m/p-Xylenes	10.35	106	249457	43.285	ug/l	99
69) o-Xylene	10.70	106	119889	21.348	ug/l	99
70) Styrene	10.71	104	208920	21.106	ug/l	100
71) Bromoform	10.85	173	51673	20.595	ug/l #	100
73) Isopropylbenzene	11.01	105	334169	21.117	ug/l	100
74) N-amyl acetate	10.89	43	86295	18.375	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	63052	19.469	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54752m	20.209	ug/l	
77) Bromobenzene	11.25	156	94497	20.590	ug/l	97
78) n-propylbenzene	11.35	91	382645	21.324	ug/l	99
79) 2-Chlorotoluene	11.42	91	222173	20.569	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	288970	21.156	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20029	18.572	ug/l	97
82) 4-Chlorotoluene	11.51	91	269152	20.655	ug/l	99
83) tert-Butylbenzene	11.76	119	299675	21.622	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	290352	20.742	ug/l	99
85) sec-Butylbenzene	11.94	105	350340	21.762	ug/l	98
86) p-Isopropyltoluene	12.06	119	340462	21.810	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	180847	21.202	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	180129	20.889	ug/l	99
89) n-Butylbenzene	12.39	91	296015	21.434	ug/l	99
90) Hexachloroethane	12.59	117	62560	20.716	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	165563	20.877	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12768	19.791	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX011990.D
Acq On : 01 Sep 2019 14:15
Operator : SY/SP
Sample : VX0901SBS02
Misc : 5.00g/5.0mL/MSVOA X/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0901SBS02

Manual Integrations
APPROVED

MMDadoda
9/5/2019 2:05:10 AM

Quant Time: Sep 02 04:11:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	142996	21.415	ug/l	99
94) Hexachlorobutadiene	13.78	225	104461	23.425	ug/l	99
95) Naphthalene	13.83	128	228579	19.946	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126930	21.021	ug/l	99

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

