

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062220.D
 Acq On : 19 Apr 2019 12:58
 Operator : FY/SY
 Sample : VF0419SBS01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0419SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:55:55 AM

Quant Time: Apr 19 15:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	456602	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	695950	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	530369	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	293634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	224381	53.59	ug/l	0.03
Spiked Amount 50.000			Recovery	=	107.18%	
35) Dibromofluoromethane	4.32	113	306240	50.30	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	7.72	98	784189	50.89	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.50	95	314491	53.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.01	85	137580	19.827	ug/l	94
3) Chloromethane	1.15	50	129539	18.062	ug/l	99
4) Vinyl Chloride	1.20	62	115144	18.687	ug/l	99
5) Bromomethane	1.39	94	63155	17.643	ug/l	98
6) Chloroethane	1.45	64	43429	16.860	ug/l	97
7) Trichlorofluoromethane	1.56	101	149986	19.160	ug/l	97
8) Diethyl Ether	1.71	74	30732	18.863	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	1.91	101	108949	20.373	ug/l	99
10) Methyl Iodide	1.99	142	190640	20.067	ug/l	91
11) Tert butyl alcohol	2.72	59	28330	97.344	ug/l #	89
12) 1,1-Dichloroethene	1.87	96	96452	18.963	ug/l	93
13) Acrolein	2.11	56	17300	119.808	ug/l	94
14) Allyl chloride	2.21	41	104263	17.862	ug/l	93
15) Acrylonitrile	3.10	53	80280	90.568	ug/l	100
16) Acetone	2.36	43	95742	95.670	ug/l	99
17) Carbon Disulfide	1.92	76	264907	18.743	ug/l	98
18) Methyl Acetate	2.46	43	44018	16.509	ug/l	97
19) Methyl tert-butyl Ether	2.56	73	183745	20.461	ug/l	97
20) Methylene Chloride	2.34	84	111955m	18.881	ug/l	
21) trans-1,2-Dichloroethene	2.43	96	94232	18.734	ug/l	94
22) Diisopropyl ether	2.94	45	272045	18.219	ug/l	98
23) Vinyl Acetate	3.36	43	712400	100.138	ug/l	99
24) 1,1-Dichloroethane	3.01	63	158318	19.382	ug/l	99
25) 2-Butanone	4.54	43	182400	91.152	ug/l	98
26) 2,2-Dichloropropane	3.78	77	83555	20.261	ug/l	95
27) cis-1,2-Dichloroethene	3.65	96	125202	19.221	ug/l	97
28) Bromochloromethane	3.91	49	75155	19.208	ug/l #	97
29) Tetrahydrofuran	4.29	42	81916	90.440	ug/l	96
30) Chloroform	4.06	83	194081	19.334	ug/l	99
31) Cyclohexane	3.88	56	165558	16.913	ug/l	94
32) 1,1,1-Trichloroethane	4.30	97	151711	20.647	ug/l #	88
36) 1,1-Dichloropropene	4.48	75	144104	17.270	ug/l	99
37) Ethyl Acetate	4.32	43	65243	16.570	ug/l #	99
38) Carbon Tetrachloride	4.20	117	120952m	16.377	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062220.D
 Acq On : 19 Apr 2019 12:58
 Operator : FY/SY
 Sample : VF0419SBS01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0419SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:55:55 AM

Quant Time: Apr 19 15:49:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	184827	18.500	ug/l	98
40) Benzene	4.83	78	390321	17.834	ug/l	99
41) Methacrylonitrile	4.95	41	40754	17.944	ug/l	96
42) 1,2-Dichloroethane	5.14	62	113325	19.586	ug/l	99
43) Isopropyl Acetate	7.12	43	72167	17.427	ug/l	99
44) Trichloroethene	5.70	130	118557	20.047	ug/l	96
45) 1,2-Dichloropropane	6.41	63	90752	18.825	ug/l	95
46) Dibromomethane	6.27	93	61983	19.325	ug/l	95
47) Bromodichloromethane	6.56	83	135647	18.741	ug/l	97
48) Methyl methacrylate	6.89	41	48539	17.835	ug/l	95
49) 1,4-Dioxane	6.89	88	11358	363.903	ug/l	93
51) 4-Methyl-2-Pentanone	8.42	43	285264	92.614	ug/l	99
52) Toluene	7.78	92	217375	18.842	ug/l	94
53) t-1,3-Dichloropropene	8.44	75	109739	20.186	ug/l	97
54) cis-1,3-Dichloropropene	7.47	75	141698	19.269	ug/l	99
55) 1,1,2-Trichloroethane	8.64	97	65172	20.165	ug/l	95
56) Ethyl methacrylate	8.76	69	68336	18.597	ug/l	98
57) 1,3-Dichloropropane	9.01	76	103683	19.867	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.46	63	110365	103.451	ug/l	99
59) 2-Hexanone	9.63	43	194050	101.109	ug/l	97
60) Dibromochloromethane	8.87	129	97966	20.382	ug/l	96
61) 1,2-Dibromoethane	9.15	107	73557	20.202	ug/l	97
64) Tetrachloroethene	8.32	164	96624	20.182	ug/l	96
65) Chlorobenzene	9.94	112	230391	20.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.07	131	106224	20.058	ug/l	100
67) Ethyl Benzene	10.04	91	417125	20.284	ug/l	99
68) m/p-Xylenes	10.27	106	306657	40.509	ug/l	98
69) o-Xylene	10.82	106	167269	19.901	ug/l	98
70) Styrene	10.90	104	247816	20.893	ug/l	97
71) Bromoform	10.89	173	60041	21.473	ug/l #	98
73) Isopropylbenzene	11.23	105	497772	19.735	ug/l	98
74) N-amyl acetate	11.45	43	119516	18.590	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.78	83	87668	20.210	ug/l	98
76) 1,2,3-Trichloropropane	11.88	75	54798m	18.361	ug/l	
77) Bromobenzene	11.59	156	112029	20.733	ug/l	93
78) n-propylbenzene	11.68	91	528185	19.850	ug/l	100
79) 2-Chlorotoluene	11.81	91	325287	20.153	ug/l	98
80) 1,3,5-Trimethylbenzene	11.91	105	420240	20.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.94	75	27919m	18.343	ug/l	
82) 4-Chlorotoluene	11.97	91	311766	19.987	ug/l	98
83) tert-Butylbenzene	12.20	119	430647	19.823	ug/l	97
84) 1,2,4-Trimethylbenzene	12.27	105	393319	19.347	ug/l	99
85) sec-Butylbenzene	12.38	105	542360	19.229	ug/l	99
86) p-Isopropyltoluene	12.53	119	489529	20.461	ug/l	98
87) 1,3-Dichlorobenzene	12.55	146	209509	20.895	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	194665	20.128	ug/l	99
89) n-Butylbenzene	12.90	91	460236	20.308	ug/l	98
90) Hexachloroethane	12.98	117	118587	19.302	ug/l	97
91) 1,2-Dichlorobenzene	13.00	146	198971	20.551	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	16629	19.512	ug/l	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041919\
Data File : VF062220.D
Acq On : 19 Apr 2019 12:58
Operator : FY/SY
Sample : VF0419SBS01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0419SBS01

Manual Integrations
APPROVED

MMDadoda
4/23/2019 6:55:55 AM

Quant Time: Apr 19 15:49:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	174460	21.536	ug/l	97
94) Hexachlorobutadiene	14.23	225	119120	21.445	ug/l	98
95) Naphthalene	14.50	128	279053	19.701	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	167550	21.544	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062220.D
 Acq On : 19 Apr 2019 12:58
 Operator : FY/SY
 Sample : VF0419SBS01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0419SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 6:55:55 AM

Quant Time: Apr 19 15:49:17 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

