

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061205.D
 Acq On : 27 Dec 2018 13:47
 Operator : VA/AP
 Sample : VF1227SBSD01
 Misc : 5.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1227SBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 9:38:23 AM

Quant Time: Dec 27 14:35:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	190859	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	324088	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	294663	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	147700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	125881	51.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.56%	
35) Dibromofluoromethane	4.08	113	136335	52.51	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	105.02%	
50) Toluene-d8	7.54	98	361496	49.14	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.39	95	171815	50.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	0.96	85	84004	19.800	ug/l	94
3) Chloromethane	1.10	50	54099	22.260	ug/l	98
4) Vinyl Chloride	1.13	62	50500	22.400	ug/l	97
5) Bromomethane	1.32	94	29394	18.798	ug/l	90
6) Chloroethane	1.37	64	21897	21.079	ug/l #	87
7) Trichlorofluoromethane	1.49	101	93456m	21.711	ug/l	
8) Diethyl Ether	1.62	74	12158	20.625	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	1.82	101	45694	20.473	ug/l	92
10) Methyl Iodide	1.89	142	73927m	21.013	ug/l	
11) Tert butyl alcohol	2.57	59	11099	112.043	ug/l	96
12) 1,1-Dichloroethene	1.78	96	34598	20.564	ug/l	96
13) Acrolein	1.99	56	8629m	120.550	ug/l	
14) Allyl chloride	2.08	41	46582	26.606	ug/l	96
15) Acrylonitrile	2.92	53	24804	108.283	ug/l #	84
16) Acetone	2.22	43	54187	110.420	ug/l	97
17) Carbon Disulfide	1.83	76	106181m	20.884	ug/l	
18) Methyl Acetate	2.33	43	24768m	24.395	ug/l	
19) Methyl tert-butyl Ether	2.42	73	77254	20.687	ug/l	98
20) Methylene Chloride	2.23	84	37805m	21.552	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	37412	20.791	ug/l	93
22) Diisopropyl ether	2.78	45	127867	21.925	ug/l	94
23) Vinyl Acetate	3.17	43	290364	107.924	ug/l	100
24) 1,1-Dichloroethane	2.85	63	76524	22.146	ug/l	98
25) 2-Butanone	4.32	43	84844	106.604	ug/l	94
26) 2,2-Dichloropropane	3.57	77	46612	23.506	ug/l	94
27) cis-1,2-Dichloroethene	3.45	96	55915	20.297	ug/l	95
28) Bromochloromethane	3.70	49	38888	22.180	ug/l	99
29) Tetrahydrofuran	4.05	42	36692	113.271	ug/l	94
30) Chloroform	3.84	83	108270	20.897	ug/l	97
31) Cyclohexane	3.67	56	73752	20.569	ug/l	95
32) 1,1,1-Trichloroethane	4.07	97	72743	23.424	ug/l #	92
36) 1,1-Dichloropropene	4.25	75	78978	20.189	ug/l	96
37) Ethyl Acetate	4.08	43	32833	19.420	ug/l #	84
38) Carbon Tetrachloride	3.97	117	64098	21.516	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061205.D
 Acq On : 27 Dec 2018 13:47
 Operator : VA/AP
 Sample : VF1227SBS01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VF1227SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 9:38:23 AM

Quant Time: Dec 27 14:35:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.44	83	74827	21.321	ug/l	96
40) Benzene	4.61	78	182627	21.708	ug/l	100
41) Methacrylonitrile	4.73	41	18592	22.504	ug/l	95
42) 1,2-Dichloroethane	4.91	62	63047	19.728	ug/l	97
43) Isopropyl Acetate	6.94	43	37773	19.997	ug/l	97
44) Trichloroethene	5.48	130	55572	20.952	ug/l	94
45) 1,2-Dichloropropane	6.21	63	45603	19.924	ug/l	99
46) Dibromomethane	6.07	93	29722	20.022	ug/l	90
47) Bromodichloromethane	6.36	83	78173	20.267	ug/l	91
48) Methyl methacrylate	6.70	41	26992	20.469	ug/l #	80
49) 1,4-Dioxane	6.69	88	4056	423.909	ug/l #	80
51) 4-Methyl-2-Pentanone	8.24	43	141088	108.911	ug/l	98
52) Toluene	7.61	92	107830	19.363	ug/l	95
53) t-1,3-Dichloropropene	8.26	75	64833	20.836	ug/l	100
54) cis-1,3-Dichloropropene	7.28	75	81445	20.855	ug/l	97
55) 1,1,2-Trichloroethane	8.47	97	33895	20.303	ug/l	94
56) Ethyl methacrylate	8.60	69	36795	20.369	ug/l	95
57) 1,3-Dichloropropane	8.83	76	62495	20.698	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.27	63	24323	70.107	ug/l	94
59) 2-Hexanone	9.47	43	100383	107.151	ug/l	98
60) Dibromochloromethane	8.69	129	48157	20.123	ug/l	95
61) 1,2-Dibromoethane	8.97	107	36244	20.328	ug/l	99
64) Tetrachloroethene	8.13	164	46298	20.425	ug/l	98
65) Chlorobenzene	9.78	112	128969	21.186	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.90	131	49727	19.990	ug/l	98
67) Ethyl Benzene	9.87	91	238772	21.530	ug/l	100
68) m/p-Xylenes	10.11	106	169607	43.458	ug/l	94
69) o-Xylene	10.69	106	92765	21.431	ug/l	99
70) Styrene	10.77	104	133700	22.680	ug/l	99
71) Bromoform	10.75	173	24228	21.051	ug/l #	95
73) Isopropylbenzene	11.11	105	283355	22.262	ug/l	97
74) N-amyl acetate	11.35	43	65321	23.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.68	83	47182	22.335	ug/l	98
76) 1,2,3-Trichloropropane	11.78	75	33944	21.592	ug/l	95
77) Bromobenzene	11.48	156	58744	21.440	ug/l	85
78) n-propylbenzene	11.58	91	347410	21.113	ug/l	98
79) 2-Chlorotoluene	11.70	91	191713	21.957	ug/l	96
80) 1,3,5-Trimethylbenzene	11.81	105	225136	21.481	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.86	75	19999	29.605	ug/l	93
82) 4-Chlorotoluene	11.89	91	193648	21.439	ug/l	97
83) tert-Butylbenzene	12.11	119	233774	21.676	ug/l	98
84) 1,2,4-Trimethylbenzene	12.19	105	227629	21.780	ug/l	99
85) sec-Butylbenzene	12.29	105	318491	22.629	ug/l	98
86) p-Isopropyltoluene	12.45	119	269772	23.092	ug/l	97
87) 1,3-Dichlorobenzene	12.46	146	114921	22.772	ug/l	97
88) 1,4-Dichlorobenzene	12.55	146	106144	21.097	ug/l	99
89) n-Butylbenzene	12.82	91	276877	20.733	ug/l	94
90) Hexachloroethane	12.90	117	62943	21.808	ug/l	92
91) 1,2-Dichlorobenzene	12.92	146	107662	21.980	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.62	75	7271	18.757	ug/l	87

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122718\
Data File : VF061205.D
Acq On : 27 Dec 2018 13:47
Operator : VA/AP
Sample : VF1227SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1227SBSD01

Manual Integrations
APPROVED

MMDadoda
12/28/2018 9:38:23 AM

Quant Time: Dec 27 14:35:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	73949	21.288	ug/l	94
94) Hexachlorobutadiene	14.18	225	47671	21.546	ug/l	100
95) Naphthalene	14.44	128	130671	20.600	ug/l	98
96) 1,2,3-Trichlorobenzene	14.59	180	68321	21.275	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF122718\
Data File : VF061205.D
Acq On : 27 Dec 2018 13:47
Operator : VA/AP
Sample : VF1227SBS01
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1227SBS01

Manual Integrations
APPROVED

MMDadoda
12/28/2018 9:38:23 AM

Quant Time: Dec 27 14:35:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

