

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060480.D
 Acq On : 8 Oct 2018 12:29
 Operator : VA/AP
 Sample : VF1008SBS01
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1008SBS01

Manual Integrations
 APPROVED

apatel
 10/9/2018 8:53:23 AM

Quant Time: Oct 09 01:47:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.00	168	249267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.72	114	411429	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	366398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	191293	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.97	65	193942	49.72	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.44%	
35) Dibromofluoromethane	4.25	113	197571	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	7.67	98	479775	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	11.48	95	210937	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	139905	23.067	ug/l	98
3) Chloromethane	1.13	50	79189	23.395	ug/l	97
4) Vinyl Chloride	1.17	62	79827	22.671	ug/l	96
5) Bromomethane	1.35	94	61007	22.368	ug/l	86
6) Chloroethane	1.42	64	39871	22.691	ug/l	98
7) Trichlorofluoromethane	1.53	101	176179	21.566	ug/l	90
8) Diethyl Ether	1.69	74	23868	21.319	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.89	101	86611	22.133	ug/l	97
10) Methyl Iodide	1.96	142	133998	22.454	ug/l	95
11) Tert butyl alcohol	2.68	59	22850	96.852	ug/l #	86
12) 1,1-Dichloroethene	1.85	96	66735	22.072	ug/l	97
13) Acrolein	2.07	56	18385	96.898	ug/l #	81
14) Allyl chloride	2.16	41	108020	22.296	ug/l	95
15) Acrylonitrile	3.04	53	45669	112.969	ug/l	94
16) Acetone	2.32	43	115275	132.326	ug/l	97
17) Carbon Disulfide	1.88	76	206118	22.513	ug/l	95
18) Methyl Acetate	2.43	43	29633	19.117	ug/l	96
19) Methyl tert-butyl Ether	2.51	73	162671	22.089	ug/l	91
20) Methylene Chloride	2.31	84	68469m	20.799	ug/l	
21) trans-1,2-Dichloroethene	2.39	96	68233	22.596	ug/l	95
22) Diisopropyl ether	2.90	45	211944	24.101	ug/l #	95
23) Vinyl Acetate	3.30	43	376503	107.781	ug/l	99
24) 1,1-Dichloroethane	2.97	63	143692	24.163	ug/l	99
25) 2-Butanone	4.47	43	112125	111.020	ug/l #	90
26) 2,2-Dichloropropane	3.73	77	76616	22.747	ug/l	90
27) cis-1,2-Dichloroethene	3.59	96	74775	22.147	ug/l	92
28) Bromochloromethane	3.85	49	46359	21.152	ug/l	98
29) Tetrahydrofuran	4.21	42	41507	106.468	ug/l	96
30) Chloroform	4.00	83	163007	22.214	ug/l	95
31) Cyclohexane	3.82	56	99819	23.376	ug/l	90
32) 1,1,1-Trichloroethane	4.23	97	136419	22.341	ug/l	96
36) 1,1-Dichloropropene	4.42	75	113972	22.468	ug/l	95
37) Ethyl Acetate	4.25	43	39951	20.567	ug/l	80
38) Carbon Tetrachloride	4.12	117	124850	20.220	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060480.D
 Acq On : 8 Oct 2018 12:29
 Operator : VA/AP
 Sample : VF1008SBS01
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VF1008SBS01

Manual Integrations
 APPROVED

apatel
 10/9/2018 8:53:23 AM

Quant Time: Oct 09 01:47:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.58	83	118640	23.857	ug/l	86
40) Benzene	4.76	78	238198	23.654	ug/l	98
41) Methacrylonitrile	4.88	41	22851	22.186	ug/l #	82
42) 1,2-Dichloroethane	5.08	62	99176	20.644	ug/l	97
43) Isopropyl Acetate	7.07	43	44034	18.758	ug/l #	96
44) Trichloroethene	5.63	130	74841	23.163	ug/l	99
45) 1,2-Dichloropropane	6.36	63	59231	22.087	ug/l	96
46) Dibromomethane	6.21	93	43943	20.380	ug/l	86
47) Bromodichloromethane	6.51	83	112873	21.137	ug/l	96
48) Methyl methacrylate	6.84	41	33367	19.801	ug/l	96
49) 1,4-Dioxane	6.83	88	5457	375.589	ug/l #	68
51) 4-Methyl-2-Pentanone	8.36	43	165693	99.156	ug/l	97
52) Toluene	7.74	92	144818	21.173	ug/l	98
53) t-1,3-Dichloropropene	8.38	75	92110	22.010	ug/l	99
54) cis-1,3-Dichloropropene	7.42	75	103662	21.194	ug/l	98
55) 1,1,2-Trichloroethane	8.60	97	42276	19.500	ug/l #	92
56) Ethyl methacrylate	8.72	69	45202	18.348	ug/l	93
57) 1,3-Dichloropropane	8.96	76	77848	21.225	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.74	63	27792	110.442	ug/l	100
59) 2-Hexanone	9.60	43	131051	106.921	ug/l	96
60) Dibromochloromethane	8.83	129	68398	20.953	ug/l	95
61) 1,2-Dibromoethane	9.10	107	52208	22.007	ug/l	92
64) Tetrachloroethene	8.26	164	66478	22.824	ug/l	94
65) Chlorobenzene	9.90	112	165332	21.967	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.04	131	76552	23.294	ug/l	98
67) Ethyl Benzene	10.00	91	314130	21.950	ug/l	95
68) m/p-Xylenes	10.24	106	221295	44.983	ug/l	98
69) o-Xylene	10.80	106	114227	21.301	ug/l	85
70) Styrene	10.87	104	167326	21.937	ug/l	98
71) Bromoform	10.86	173	32963	18.840	ug/l	89
73) Isopropylbenzene	11.20	105	345388	22.931	ug/l	96
74) N-amyl acetate	11.44	43	67257	19.456	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.76	83	58407	21.270	ug/l	97
76) 1,2,3-Trichloropropane	11.86	75	42351	20.949	ug/l	96
77) Bromobenzene	11.57	156	75462	22.413	ug/l	97
78) n-propylbenzene	11.67	91	436679	23.915	ug/l	100
79) 2-Chlorotoluene	11.78	91	245250	22.961	ug/l	97
80) 1,3,5-Trimethylbenzene	11.88	105	304300	23.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.93	75	18475m	20.616	ug/l	
82) 4-Chlorotoluene	11.96	91	248959	22.780	ug/l	94
83) tert-Butylbenzene	12.19	119	304415	24.118	ug/l	98
84) 1,2,4-Trimethylbenzene	12.26	105	226189	17.823	ug/l	90
85) sec-Butylbenzene	12.36	105	415736	23.863	ug/l	98
86) p-Isopropyltoluene	12.51	119	333211	23.411	ug/l	98
87) 1,3-Dichlorobenzene	12.53	146	145546	22.973	ug/l	98
88) 1,4-Dichlorobenzene	12.62	146	141861	22.707	ug/l	98
89) n-Butylbenzene	12.90	91	368500	24.467	ug/l	94
90) Hexachloroethane	12.98	117	87088	23.674	ug/l	74
91) 1,2-Dichlorobenzene	13.00	146	137826	22.704	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.70	75	10524	19.769	ug/l	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060480.D
Acq On : 8 Oct 2018 12:29
Operator : VA/AP
Sample : VF1008SBS01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Manual Integrations
APPROVED

apatel
10/9/2018 8:53:23 AM

Quant Time: Oct 09 01:47:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	110166	24.280	ug/l	98
94) Hexachlorobutadiene	14.24	225	73701	23.274	ug/l	95
95) Naphthalene	14.50	128	166716	20.551	ug/l	98
96) 1,2,3-Trichlorobenzene	14.64	180	100338	23.591	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060480.D
Acq On : 8 Oct 2018 12:29
Operator : VA/AP
Sample : VF1008SBS01
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF1008SBS01

Manual Integrations
APPROVED

apatel
10/9/2018 8:53:23 AM

Quant Time: Oct 09 01:47:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

