

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060478.D
 Acq On : 8 Oct 2018 10:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/9/2018 8:53:20 AM

Quant Time: Oct 09 01:39:39 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	278733	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.73	114	476383	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.88	117	424970	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	217630	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.98	65	198686	45.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	4.25	113	207177	46.29	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	92.58%	
50) Toluene-d8	7.67	98	543934	49.35	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.48	95	238691	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	261432	42.831	ug/l	98
3) Chloromethane	1.12	50	171795	45.389	ug/l	98
4) Vinyl Chloride	1.17	62	178672	45.379	ug/l	98
5) Bromomethane	1.36	94	137224	44.995	ug/l	93
6) Chloroethane	1.43	64	96022	48.870	ug/l	95
7) Trichlorofluoromethane	1.53	101	403753	44.198	ug/l	94
8) Diethyl Ether	1.68	74	60609	48.413	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	1.89	101	198658	45.400	ug/l	98
10) Methyl Iodide	1.96	142	320419m	48.017	ug/l	
11) Tert butyl alcohol	2.66	59	57806	219.114	ug/l #	87
12) 1,1-Dichloroethene	1.84	96	168912	49.959	ug/l	90
13) Acrolein	2.07	56	40305	189.971	ug/l	92
14) Allyl chloride	2.17	41	267551	49.386	ug/l	91
15) Acrylonitrile	3.04	53	110784	245.071	ug/l	86
16) Acetone	2.32	43	254983	287.367	ug/l #	93
17) Carbon Disulfide	1.88	76	473562	46.256	ug/l	98
18) Methyl Acetate	2.42	43	87022	53.202	ug/l	94
19) Methyl tert-butyl Ether	2.51	73	402293	48.852	ug/l	97
20) Methylene Chloride	2.26	84	156317m	48.993	ug/l	
21) trans-1,2-Dichloroethene	2.38	96	169474	50.189	ug/l	91
22) Diisopropyl ether	2.90	45	505562	51.413	ug/l #	91
23) Vinyl Acetate	3.29	43	950761	243.400	ug/l	97
24) 1,1-Dichloroethane	2.97	63	332809	50.048	ug/l	98
25) 2-Butanone	4.46	43	281760	249.490	ug/l	94
26) 2,2-Dichloropropane	3.72	77	177381	47.097	ug/l	98
27) cis-1,2-Dichloroethene	3.60	96	190735	50.520	ug/l	85
28) Bromochloromethane	3.84	49	119973	48.953	ug/l	99
29) Tetrahydrofuran	4.21	42	109307	257.066	ug/l	99
30) Chloroform	3.99	83	397589	48.455	ug/l	93
31) Cyclohexane	3.81	56	246044m	51.527	ug/l	
32) 1,1,1-Trichloroethane	4.23	97	316152	46.302	ug/l	94
36) 1,1-Dichloropropene	4.41	75	288161	49.062	ug/l	98
37) Ethyl Acetate	4.25	43	103976	46.229	ug/l	84
38) Carbon Tetrachloride	4.13	117	281449	39.367	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
 Data File : VF060478.D
 Acq On : 8 Oct 2018 10:45
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00/5mL/MSVOA_F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/9/2018 8:53:20 AM

Quant Time: Oct 09 01:39:39 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	286025	49.674	ug/l	97
40) Benzene	4.77	78	586353	50.288	ug/l	97
41) Methacrylonitrile	4.88	41	60551	50.774	ug/l #	85
42) 1,2-Dichloroethane	5.08	62	252415	45.377	ug/l	99
43) Isopropyl Acetate	7.08	43	130250	47.920	ug/l	96
44) Trichloroethene	5.63	130	183429	49.029	ug/l	98
45) 1,2-Dichloropropane	6.36	63	154322	49.699	ug/l	94
46) Dibromomethane	6.21	93	117223	46.954	ug/l	97
47) Bromodichloromethane	6.50	83	295206	47.744	ug/l	99
48) Methyl methacrylate	6.83	41	87826	45.013	ug/l	90
49) 1,4-Dioxane	6.83	88	19344	1149.856	ug/l #	89
51) 4-Methyl-2-Pentanone	8.37	43	468662	242.222	ug/l	99
52) Toluene	7.74	92	400961	50.629	ug/l	96
53) t-1,3-Dichloropropene	8.39	75	230403	47.548	ug/l	98
54) cis-1,3-Dichloropropene	7.42	75	282794	49.935	ug/l	96
55) 1,1,2-Trichloroethane	8.60	97	115319	45.938	ug/l	96
56) Ethyl methacrylate	8.72	69	143185	50.196	ug/l	95
57) 1,3-Dichloropropane	8.96	76	193081	45.465	ug/l	91
58) 2-Chloroethyl Vinyl ether	7.74	63	65385	224.404	ug/l	100
59) 2-Hexanone	9.59	43	359833	253.550	ug/l	99
60) Dibromochloromethane	8.82	129	185124	48.979	ug/l	97
61) 1,2-Dibromoethane	9.10	107	132377	48.193	ug/l	98
64) Tetrachloroethene	8.27	164	172787	51.147	ug/l	94
65) Chlorobenzene	9.91	112	453722	51.975	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.03	131	190432	49.960	ug/l	99
67) Ethyl Benzene	10.00	91	808082	48.684	ug/l	99
68) m/p-Xylenes	10.23	106	563199	98.703	ug/l	94
69) o-Xylene	10.79	106	325155	52.279	ug/l	97
70) Styrene	10.87	104	435864	49.268	ug/l	97
71) Bromoform	10.85	173	97889	48.236	ug/l	99
73) Isopropylbenzene	11.20	105	929187	54.226	ug/l	99
74) N-amyl acetate	11.43	43	201536	51.246	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.76	83	163104	52.209	ug/l	98
76) 1,2,3-Trichloropropane	11.86	75	115003	50.003	ug/l	95
77) Bromobenzene	11.57	156	199408	52.059	ug/l	89
78) n-propylbenzene	11.66	91	1064064	51.222	ug/l	98
79) 2-Chlorotoluene	11.79	91	647593	53.293	ug/l	95
80) 1,3,5-Trimethylbenzene	11.89	105	765710	52.595	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.93	75	49609m	48.659	ug/l	
82) 4-Chlorotoluene	11.97	91	644142	51.808	ug/l	98
83) tert-Butylbenzene	12.19	119	783375	54.555	ug/l	95
84) 1,2,4-Trimethylbenzene	12.26	105	765930	53.049	ug/l	100
85) sec-Butylbenzene	12.36	105	1012088	51.062	ug/l	99
86) p-Isopropyltoluene	12.52	119	867461	53.570	ug/l	97
87) 1,3-Dichlorobenzene	12.54	146	364546	50.576	ug/l	97
88) 1,4-Dichlorobenzene	12.63	146	363993	51.213	ug/l	97
89) n-Butylbenzene	12.89	91	885137	51.657	ug/l	97
90) Hexachloroethane	12.97	117	229063	54.732	ug/l	83
91) 1,2-Dichlorobenzene	13.00	146	363275	52.601	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.69	75	32233	53.221	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060478.D
Acq On : 8 Oct 2018 10:45
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
10/9/2018 8:53:20 AM

Quant Time: Oct 09 01:39:39 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	14.24	180	268466	52.008	ug/l	96
94) Hexachlorobutadiene	14.23	225	191350	53.113	ug/l	97
95) Naphthalene	14.50	128	522453	56.608	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	268631	55.516	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF100818\
Data File : VF060478.D
Acq On : 8 Oct 2018 10:45
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00/5mL/MSVOA_F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
10/9/2018 8:53:20 AM

Quant Time: Oct 09 01:39:39 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

