

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062774.D
 Acq On : 29 May 2019 10:24
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

mmdadoda
 5/30/2019 11:01:51 AM

Quant Time: May 30 08:47:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	761716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1202127	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	925680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	455656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	231307	42.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.94%	
35) Dibromofluoromethane	4.33	113	420446	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	7.73	98	994815	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
62) 4-Bromofluorobenzene	11.50	95	398915	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.01	85	437269	42.184	ug/l	98
3) Chloromethane	1.15	50	367151	38.467	ug/l	97
4) Vinyl Chloride	1.19	62	354450	40.344	ug/l	97
5) Bromomethane	1.40	94	243360	50.633	ug/l	96
6) Chloroethane	1.47	64	153916	47.701	ug/l	92
7) Trichlorofluoromethane	1.57	101	587322m	49.787	ug/l	
8) Diethyl Ether	1.71	74	121983	52.196	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	1.93	101	352235	46.892	ug/l	97
10) Methyl Iodide	2.01	142	699900m	47.432	ug/l	
11) Tert butyl alcohol	2.70	59	85472	240.517	ug/l	96
12) 1,1-Dichloroethene	1.89	96	346930	50.701	ug/l	94
13) Acrolein	2.11	56	63572	171.375	ug/l	91
14) Allyl chloride	2.21	41	263334m	42.521	ug/l	
15) Acrylonitrile	3.10	53	463667	462.543	ug/l #	86
16) Acetone	2.36	43	395259	283.049	ug/l	93
17) Carbon Disulfide	1.93	76	908704	44.805	ug/l	96
18) Methyl Acetate	2.47	43	111608	50.860	ug/l	95
19) Methyl tert-butyl Ether	2.56	73	625234	51.113	ug/l	99
20) Methylene Chloride	2.37	84	329057m	47.011	ug/l	
21) trans-1,2-Dichloroethene	2.43	96	355497m	53.153	ug/l	
22) Diisopropyl ether	2.95	45	753406	49.325	ug/l	97
23) Vinyl Acetate	3.36	43	2596491	251.996	ug/l	99
24) 1,1-Dichloroethane	3.03	63	813947	72.640	ug/l	97
25) 2-Butanone	4.54	43	786567	263.641	ug/l	98
26) 2,2-Dichloropropane	3.79	77	336816	52.535	ug/l	94
27) cis-1,2-Dichloroethene	3.67	96	600773	54.609	ug/l	93
28) Bromochloromethane	3.92	49	301343	47.951	ug/l	95
29) Tetrahydrofuran	4.29	42	299979	248.469	ug/l	98
30) Chloroform	4.07	83	797441	51.258	ug/l	99
31) Cyclohexane	3.88	56	727018m	48.322	ug/l	
32) 1,1,1-Trichloroethane	4.31	97	547318m	52.973	ug/l	
36) 1,1-Dichloropropene	4.49	75	642059	52.123	ug/l	98
37) Ethyl Acetate	4.33	43	258008	51.299	ug/l #	77
38) Carbon Tetrachloride	4.21	117	424983	45.874	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062774.D
 Acq On : 29 May 2019 10:24
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

mmdadoda
 5/30/2019 11:01:51 AM

Quant Time: May 30 08:47:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	822406	55.486	ug/l	97
40) Benzene	4.84	78	1870899	55.751	ug/l	100
41) Methacrylonitrile	4.95	41	135851	51.521	ug/l	95
42) 1,2-Dichloroethane	5.15	62	364399	54.453	ug/l	93
43) Isopropyl Acetate	7.13	43	303070	46.512	ug/l	92
44) Trichloroethene	5.71	130	536039	56.835	ug/l	72
45) 1,2-Dichloropropane	6.43	63	483689	57.098	ug/l	100
46) Dibromomethane	6.28	93	282954	57.796	ug/l	96
47) Bromodichloromethane	6.57	83	575125	56.587	ug/l	96
48) Methyl methacrylate	6.90	41	165915	48.716	ug/l	98
49) 1,4-Dioxane	6.89	88	42905	983.595	ug/l	87
51) 4-Methyl-2-Pentanone	8.42	43	1148580	257.884	ug/l	97
52) Toluene	7.80	92	1047634	59.527	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	463014	55.684	ug/l	95
54) cis-1,3-Dichloropropene	7.47	75	664388	57.080	ug/l	99
55) 1,1,2-Trichloroethane	8.65	97	312675	60.004	ug/l	97
56) Ethyl methacrylate	8.77	69	317022	51.066	ug/l	97
57) 1,3-Dichloropropane	9.01	76	507757	57.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.46	63	537189	265.836	ug/l	97
59) 2-Hexanone	9.64	43	859371	300.141	ug/l	93
60) Dibromochloromethane	8.87	129	406215	59.812	ug/l	96
61) 1,2-Dibromoethane	9.15	107	321374	58.065	ug/l	99
64) Tetrachloroethene	8.32	164	404574	55.168	ug/l	95
65) Chlorobenzene	9.95	112	1044799	57.466	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.07	131	422082	57.829	ug/l	97
67) Ethyl Benzene	10.04	91	1774946	56.196	ug/l	99
68) m/p-Xylenes	10.27	106	1353720	114.036	ug/l	96
69) o-Xylene	10.83	106	713870	58.384	ug/l	95
70) Styrene	10.90	104	1083262	58.288	ug/l	99
71) Bromoform	10.89	173	221505	60.595	ug/l	# 98
73) Isopropylbenzene	11.23	105	1911345	58.527	ug/l	96
74) N-amyl acetate	11.45	43	485269	59.417	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.78	83	404337	60.584	ug/l	98
76) 1,2,3-Trichloropropane	11.88	75	250116	57.036	ug/l	85
77) Bromobenzene	11.59	156	473820	58.369	ug/l	99
78) n-propylbenzene	11.68	91	2225981	57.594	ug/l	97
79) 2-Chlorotoluene	11.81	91	1290128	59.231	ug/l	96
80) 1,3,5-Trimethylbenzene	11.91	105	1496705	57.156	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.95	75	114534m	58.757	ug/l	
82) 4-Chlorotoluene	11.99	91	1219810	56.790	ug/l	100
83) tert-Butylbenzene	12.20	119	1569104	59.061	ug/l	97
84) 1,2,4-Trimethylbenzene	12.28	105	1444320	56.987	ug/l	97
85) sec-Butylbenzene	12.38	105	2017314	56.580	ug/l	99
86) p-Isopropyltoluene	12.53	119	1711223	56.951	ug/l	97
87) 1,3-Dichlorobenzene	12.55	146	832877	56.710	ug/l	98
88) 1,4-Dichlorobenzene	12.64	146	775777	56.288	ug/l	97
89) n-Butylbenzene	12.90	91	1631012	55.054	ug/l	98
90) Hexachloroethane	12.98	117	429910	59.643	ug/l	89
91) 1,2-Dichlorobenzene	13.01	146	749449	57.247	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.70	75	48120	60.438	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
Data File : VF062774.D
Acq On : 29 May 2019 10:24
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

mmdadoda
5/30/2019 11:01:51 AM

Quant Time: May 30 08:47:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	510651	54.494	ug/l	96
94) Hexachlorobutadiene	14.23	225	370472	56.650	ug/l	94
95) Naphthalene	14.50	128	855613	50.259	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	467333	52.650	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062774.D
 Acq On : 29 May 2019 10:24
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

mmdadoda
 5/30/2019 11:01:51 AM

Quant Time: May 30 08:47:46 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

