

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060802.D
 Acq On : 20 Nov 2018 13:08
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/21/2018 2:00:59 PM

Quant Time: Nov 20 17:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	203379	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	346858	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	311316	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	159512	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	103731	44.72	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.44%	
35) Dibromofluoromethane	4.12	113	117665	45.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.26%	
50) Toluene-d8	7.56	98	325592	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.42	95	153001	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	155870	42.82	ug/l	97
3) Chloromethane	1.11	50	107449	47.60	ug/l	96
4) Vinyl Chloride	1.15	62	97627	48.35	ug/l	95
5) Bromomethane	1.34	94	63804	49.74	ug/l	95
6) Chloroethane	1.39	64	43257	54.75	ug/l	99
7) Trichlorofluoromethane	1.50	101	203324	45.53	ug/l	93
8) Diethyl Ether	1.63	74	30877	53.97	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.83	101	104282	49.56	ug/l	94
10) Methyl Iodide	1.90	142	167354m	49.57	ug/l	
11) Tert butyl alcohol	2.57	59	28369	268.71	ug/l	96
12) 1,1-Dichloroethene	1.79	96	85579	51.58	ug/l	95
13) Acrolein	2.01	56	25724	266.48	ug/l	100
14) Allyl chloride	2.10	41	153977	52.97	ug/l	87
15) Acrylonitrile	2.94	53	64435	286.42	ug/l	96
16) Acetone	2.24	43	142287	286.96	ug/l	94
17) Carbon Disulfide	1.83	76	248675m	49.59	ug/l	
18) Methyl Acetate	2.35	43	41979	51.56	ug/l	93
19) Methyl tert-butyl Ether	2.43	73	208249	52.32	ug/l	99
20) Methylene Chloride	2.19	84	86076m	52.37	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	91469	52.76	ug/l	94
22) Diisopropyl ether	2.81	45	311732	55.55	ug/l	94
23) Vinyl Acetate	3.19	43	750107	283.85	ug/l	99
24) 1,1-Dichloroethane	2.88	63	168263	49.52	ug/l	100
25) 2-Butanone	4.34	43	215942	264.78	ug/l	96
26) 2,2-Dichloropropane	3.61	77	128270	47.98	ug/l	95
27) cis-1,2-Dichloroethene	3.49	96	146149	49.56	ug/l	94
28) Bromochloromethane	3.72	49	92195	52.21	ug/l	95
29) Tetrahydrofuran	4.09	42	91276	271.33	ug/l	96
30) Chloroform	3.86	83	254977	46.77	ug/l	93
31) Cyclohexane	3.69	56	199088	48.28	ug/l	96
32) 1,1,1-Trichloroethane	4.10	97	193030	44.97	ug/l	97
36) 1,1-Dichloropropene	4.29	75	191386	47.58	ug/l	100
37) Ethyl Acetate	4.12	43	73967	49.46	ug/l	# 76
38) Carbon Tetrachloride	4.00	117	168225	43.10	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
 Data File : VF060802.D
 Acq On : 20 Nov 2018 13:08
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/21/2018 2:00:59 PM

Quant Time: Nov 20 17:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.46	83	220294	47.20	ug/l	97
40) Benzene	4.64	78	436397	48.67	ug/l	97
41) Methacrylonitrile	4.76	41	44391	56.21	ug/l #	91
42) 1,2-Dichloroethane	4.96	62	145817	47.06	ug/l	100
43) Isopropyl Acetate	6.97	43	100205	50.53	ug/l	95
44) Trichloroethene	5.51	130	136560	48.27	ug/l	100
45) 1,2-Dichloropropane	6.24	63	115173	49.36	ug/l	91
46) Dibromomethane	6.09	93	75394	48.95	ug/l	92
47) Bromodichloromethane	6.40	83	181991	46.27	ug/l	98
48) Methyl methacrylate	6.72	41	66765	50.87	ug/l	99
49) 1,4-Dioxane	6.71	88	13621	1109.79	ug/l	93
51) 4-Methyl-2-Pentanone	8.26	43	362334	252.65	ug/l	98
52) Toluene	7.63	92	280759	46.72	ug/l	99
53) t-1,3-Dichloropropene	8.29	75	150031	47.62	ug/l	98
54) cis-1,3-Dichloropropene	7.30	75	195086	47.67	ug/l	97
55) 1,1,2-Trichloroethane	8.50	97	83896	48.86	ug/l	95
56) Ethyl methacrylate	8.63	69	88891	45.59	ug/l	99
57) 1,3-Dichloropropane	8.86	76	147671	49.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.63	63	42888	240.78	ug/l	100
59) 2-Hexanone	9.49	43	259466	257.44	ug/l	98
60) Dibromochloromethane	8.73	129	118258	48.33	ug/l	90
61) 1,2-Dibromoethane	8.99	107	93393	51.72	ug/l	99
64) Tetrachloroethene	8.16	164	117071	47.49	ug/l	97
65) Chlorobenzene	9.81	112	305673	48.66	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.94	131	133352	48.67	ug/l	97
67) Ethyl Benzene	9.91	91	556628	47.01	ug/l	99
68) m/p-Xylenes	10.15	106	398043	94.06	ug/l	98
69) o-Xylene	10.72	106	223144	46.90	ug/l	99
70) Styrene	10.80	104	298245	46.19	ug/l	95
71) Bromoform	10.78	173	60412	49.03	ug/l	99
73) Isopropylbenzene	11.13	105	653601	50.91	ug/l	99
74) N-amyl acetate	11.38	43	157786	53.98	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.70	83	112806	53.14	ug/l	100
76) 1,2,3-Trichloropropane	11.80	75	78049	49.51	ug/l	97
77) Bromobenzene	11.51	156	139280	52.11	ug/l	89
78) n-propylbenzene	11.61	91	739892	49.41	ug/l	100
79) 2-Chlorotoluene	11.72	91	431127	49.54	ug/l	97
80) 1,3,5-Trimethylbenzene	11.83	105	511710	50.20	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.87	75	41783m	53.95	ug/l	
82) 4-Chlorotoluene	11.91	91	437637	49.08	ug/l	93
83) tert-Butylbenzene	12.14	119	534430	49.38	ug/l	99
84) 1,2,4-Trimethylbenzene	12.21	105	513061	48.67	ug/l	95
85) sec-Butylbenzene	12.32	105	724620	49.35	ug/l	99
86) p-Isopropyltoluene	12.46	119	615299	50.18	ug/l	96
87) 1,3-Dichlorobenzene	12.48	146	259454	48.78	ug/l	97
88) 1,4-Dichlorobenzene	12.57	146	258998	50.67	ug/l	95
89) n-Butylbenzene	12.85	91	603196	48.20	ug/l	99
90) Hexachloroethane	12.93	117	152861	50.97	ug/l	91
91) 1,2-Dichlorobenzene	12.95	146	250686	50.06	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.65	75	20582	51.59	ug/l	79

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060802.D
Acq On : 20 Nov 2018 13:08
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
11/21/2018 2:00:59 PM

Quant Time: Nov 20 17:03:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	180250	50.08	ug/l	93
94) Hexachlorobutadiene	14.20	225	120039	51.03	ug/l	98
95) Naphthalene	14.47	128	344707	52.48	ug/l	99
96) 1,2,3-Trichlorobenzene	14.61	180	172437	51.84	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112018\
Data File : VF060802.D
Acq On : 20 Nov 2018 13:08
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
11/21/2018 2:00:59 PM

Quant Time: Nov 20 17:03:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration

