

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070718\
 Data File : VF059476.D
 Acq On : 7 Jul 2018 4:50
 Operator : VA/AP
 Sample : VSTDIC150
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 7/9/2018 9:34:49 AM

Quant Time: Jul 07 06:31:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:43:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	262033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	389791	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	395612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	221329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.98	65	648776	178.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	357.32%	
35) Dibromofluoromethane	4.26	113	512429	170.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	340.98%	
50) Toluene-d8	7.67	98	1278100	172.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	345.94%	
62) 4-Bromofluorobenzene	11.49	95	641396	153.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	525616	199.24	ug/l	97
3) Chloromethane	1.08	50	271338	163.88	ug/l	99
4) Vinyl Chloride	1.15	62	291329	178.46	ug/l	95
5) Bromomethane	1.32	94	190415	170.66	ug/l	96
6) Chloroethane	1.41	64	135536	163.72	ug/l	97
7) Trichlorofluoromethane	1.51	101	589202m	175.57	ug/l	
8) Diethyl Ether	1.69	74	127129	154.57	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.89	101	255895	133.67	ug/l	99
10) Methyl Iodide	1.94	142	575759	166.13	ug/l	96
11) Tert butyl alcohol	2.67	59	145831	646.83	ug/l #	93
12) 1,1-Dichloroethene	1.84	96	275295	169.29	ug/l	86
13) Acrolein	2.07	56	115674	864.00	ug/l	98
14) Allyl chloride	2.17	41	490837	165.67	ug/l #	80
15) Acrylonitrile	3.05	53	284404	721.81	ug/l	97
16) Acetone	2.32	43	439562	492.13	ug/l	94
17) Carbon Disulfide	1.87	76	779051	201.00	ug/l	98
18) Methyl Acetate	2.43	43	219316m	124.10	ug/l	
19) Methyl tert-butyl Ether	2.52	73	876414	148.39	ug/l	99
20) Methylene Chloride	2.30	84	266912m	103.89	ug/l	
21) trans-1,2-Dichloroethene	2.39	96	293535	170.05	ug/l	95
22) Diisopropyl ether	2.90	45	1077615	165.90	ug/l	94
23) Vinyl Acetate	3.30	43	2898528	706.42	ug/l	98
24) 1,1-Dichloroethane	2.97	63	662770	161.12	ug/l	100
25) 2-Butanone	4.48	43	668737	621.32	ug/l	97
26) 2,2-Dichloropropane	3.73	77	352489	127.96	ug/l	95
27) cis-1,2-Dichloroethene	3.60	96	383422	151.50	ug/l	92
28) Bromochloromethane	3.86	49	269303	151.05	ug/l	96
29) Tetrahydrofuran	4.22	42	306385	645.46	ug/l	99
30) Chloroform	3.99	83	919503	154.48	ug/l	97
31) Cyclohexane	3.83	56	399297	150.17	ug/l	98
32) 1,1,1-Trichloroethane	4.23	97	672489	153.44	ug/l	93
36) 1,1-Dichloropropene	4.42	75	604438	169.88	ug/l	99
37) Ethyl Acetate	4.26	43	327884	136.15	ug/l	95
38) Carbon Tetrachloride	4.13	117	768795m	167.88	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070718\
 Data File : VF059476.D
 Acq On : 7 Jul 2018 4:50
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.03q/5mL/MSVOA-F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 7/9/2018 9:34:49 AM

Quant Time: Jul 07 06:31:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:43:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.59	83	499840	158.36	ug/l	99
40) Benzene	4.77	78	1175024	153.48	ug/l	98
41) Methacrylonitrile	4.88	41	171148	147.10	ug/l	93
42) 1,2-Dichloroethane	5.08	62	780951	167.56	ug/l	97
43) Isopropyl Acetate	7.08	43	436248	154.42	ug/l	99
44) Trichloroethene	5.64	130	389422	145.08	ug/l	97
45) 1,2-Dichloropropane	6.37	63	331897	152.26	ug/l	99
46) Dibromomethane	6.21	93	304075	158.33	ug/l	96
47) Bromodichloromethane	6.51	83	763900	163.36	ug/l	94
48) Methyl methacrylate	6.83	41	308614	160.41	ug/l	92
49) 1,4-Dioxane	6.83	88	24822	2140.87	ug/l #	84
51) 4-Methyl-2-Pentanone	8.37	43	1370290	650.55	ug/l	97
52) Toluene	7.75	92	821809	142.49	ug/l	98
53) t-1,3-Dichloropropene	8.40	75	642804	151.84	ug/l	98
54) cis-1,3-Dichloropropene	7.42	75	682808	150.61	ug/l	94
55) 1,1,2-Trichloroethane	8.61	97	337212	151.50	ug/l	99
56) Ethyl methacrylate	8.73	69	408707	150.85	ug/l	99
57) 1,3-Dichloropropane	8.96	76	574482	150.40	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.75	63	166294	777.99	ug/l	100
59) 2-Hexanone	9.60	43	1063305	612.15	ug/l	95
60) Dibromochloromethane	8.83	129	560978	161.63	ug/l	95
61) 1,2-Dibromoethane	9.10	107	415462	153.45	ug/l	97
64) Tetrachloroethene	8.27	164	468910	172.74	ug/l	96
65) Chlorobenzene	9.91	112	1079521	144.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.04	131	475486	145.66	ug/l	99
67) Ethyl Benzene	10.01	91	1820713	142.66	ug/l	95
68) m/p-Xylenes	10.24	106	1252138	277.71	ug/l	93
69) o-Xylene	10.81	106	708775	140.88	ug/l	86
70) Styrene	10.87	104	1086424	141.54	ug/l	97
71) Bromoform	10.87	173	352456	158.26	ug/l #	97
73) Isopropylbenzene	11.20	105	2005784	152.25	ug/l	96
74) N-amyl acetate	11.44	43	668726	143.71	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.76	83	448374	138.16	ug/l	99
76) 1,2,3-Trichloropropane	11.86	75	369443	148.40	ug/l	98
77) Bromobenzene	11.57	156	567611	156.57	ug/l	91
78) n-propylbenzene	11.66	91	2224986	140.71	ug/l	95
79) 2-Chlorotoluene	11.79	91	1428744	147.32	ug/l	92
80) 1,3,5-Trimethylbenzene	11.89	105	1655720	142.53	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.94	75	198929	137.80	ug/l	92
82) 4-Chlorotoluene	11.97	91	1512372	147.10	ug/l	93
83) tert-Butylbenzene	12.20	119	1581302	137.64	ug/l	98
84) 1,2,4-Trimethylbenzene	12.26	105	1732879	142.87	ug/l	95
85) sec-Butylbenzene	12.36	105	2151637	140.39	ug/l	98
86) p-Isopropyltoluene	12.52	119	1794153	139.13	ug/l	95
87) 1,3-Dichlorobenzene	12.54	146	912731	135.34	ug/l	97
88) 1,4-Dichlorobenzene	12.63	146	947243	144.59	ug/l	96
89) n-Butylbenzene	12.90	91	1653719	126.30	ug/l	95
90) Hexachloroethane	12.97	117	477822	148.24	ug/l	90
91) 1,2-Dichlorobenzene	13.00	146	912320	138.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	115729	157.29	ug/l	90

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070718\
Data File : VF059476.D
Acq On : 7 Jul 2018 4:50
Operator : VA/AP
Sample : VSTDICC150
Misc : 5.03g/5mL/MSVOA-F/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

apatel
7/9/2018 9:34:49 AM

Quant Time: Jul 07 06:31:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:43:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	685624	139.82	ug/l	98
94) Hexachlorobutadiene	14.24	225	416388	148.07	ug/l	95
95) Naphthalene	14.50	128	1569198	152.80	ug/l	98
96) 1,2,3-Trichlorobenzene	14.65	180	701176	150.19	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070718\
 Data File : VF059476.D
 Acq On : 7 Jul 2018 4:50
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.03a/5mL/MSVOA-F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 Client Sample Id :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 7/9/2018 9:34:49 AM

Quant Time: Jul 07 06:31:33 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:43:52 2018
 Response via : Initial Calibration

