

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060137.D
 Acq On : 27 Aug 2018 20:53
 Operator : VA/AP
 Sample : VF0827SBSD01
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0827SBSD01

Quant Time: Aug 28 01:14:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	108016	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	138686	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	119042	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	65555	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	40158	27.16	ug/l	-0.02
Spiked Amount			Recovery	=	54.32%	
35) Dibromofluoromethane	4.28	113	46770	42.95	ug/l	-0.02
Spiked Amount			Recovery	=	85.90%	
50) Toluene-d8	7.70	98	145817	47.15	ug/l	-0.02
Spiked Amount			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	11.50	95	62805	38.39	ug/l	-0.01
Spiked Amount			Recovery	=	76.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	40625	28.57	ug/l	92
3) Chloromethane	1.07	50	18105	17.19	ug/l	# 88
4) Vinyl Chloride	1.13	62	17948	20.33	ug/l	97
5) Bromomethane	1.32	94	7722	11.51	ug/l	82
6) Chloroethane	1.41	64	12039	34.59	ug/l	97
7) Trichlorofluoromethane	1.49	101	77583	43.70	ug/l	98
8) Diethyl Ether	1.69	74	4086	12.87	ug/l	55
9) 1,1,2-Trichlorotrifluoroet	1.86	101	34379	36.89	ug/l	89
10) Methyl Iodide	1.93	142	16659	13.52	ug/l	96
11) Tert butyl alcohol	2.61	59	1582	20.12	ug/l	# 80
12) 1,1-Dichloroethene	1.83	96	23367	34.03	ug/l	92
13) Acrolein	2.08	56	965	44.29	ug/l	99
14) Allyl chloride	2.19	41	20833	17.08	ug/l	# 86
15) Acrylonitrile	3.05	53	5052	32.55	ug/l	# 80
16) Acetone	2.31	43	14162	36.45	ug/l	97
17) Carbon Disulfide	1.84	76	64760	30.12	ug/l	97
18) Methyl Acetate	2.43	43	4994	3.72	ug/l	93
19) Methyl tert-butyl Ether	2.51	73	21084	9.58	ug/l	100
20) Methylene Chloride	2.28	84	14552	15.48	ug/l	90
21) trans-1,2-Dichloroethene	2.40	96	20373	26.52	ug/l	89
22) Diisopropyl ether	2.89	45	36754	13.46	ug/l	97
23) Vinyl Acetate	3.31	43	51911	35.88	ug/l	99
24) 1,1-Dichloroethane	2.99	63	35995	21.34	ug/l	97
25) 2-Butanone	4.53	43	15270	30.26	ug/l	# 71
26) 2,2-Dichloropropane	3.75	77	19702	11.29	ug/l	81
27) cis-1,2-Dichloroethene	3.63	96	16276	14.95	ug/l	98
28) Bromochloromethane	3.87	49	8573	12.04	ug/l	93
29) Tetrahydrofuran	4.22	42	5935	31.15	ug/l	94
30) Chloroform	4.02	83	40582	17.14	ug/l	90
31) Cyclohexane	3.85	56	29498	22.95	ug/l	93
32) 1,1,1-Trichloroethane	4.27	97	49365	24.34	ug/l	96
36) 1,1-Dichloropropene	4.45	75	32540	24.97	ug/l	92
37) Ethyl Acetate	4.25	43	6217	7.98	ug/l	# 1
38) Carbon Tetrachloride	4.16	117	48533	32.16	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060137.D
 Acq On : 27 Aug 2018 20:53
 Operator : VA/AP
 Sample : VF0827SBSD01
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0827SBSD01

Quant Time: Aug 28 01:14:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	34914	28.57	ug/l	89
40) Benzene	4.80	78	53657	18.85	ug/l	98
41) Methacrylonitrile	4.90	41	2953	7.49	ug/l #	83
42) 1,2-Dichloroethane	5.09	62	20236	13.26	ug/l	98
43) Isopropyl Acetate	7.09	43	7034	7.17	ug/l #	98
44) Trichloroethene	5.67	130	22574	23.98	ug/l	98
45) 1,2-Dichloropropane	6.40	63	11498	14.28	ug/l #	85
46) Dibromomethane	6.24	93	7213	11.45	ug/l	94
47) Bromodichloromethane	6.53	83	24131	15.85	ug/l	91
48) Methyl methacrylate	6.85	41	5444	8.39	ug/l #	84
49) 1,4-Dioxane	6.84	88	882	141.53	ug/l #	82
51) 4-Methyl-2-Pentanone	8.39	43	37109	43.80	ug/l	96
52) Toluene	7.77	92	43760	21.05	ug/l	98
53) t-1,3-Dichloropropene	8.42	75	16167	11.71	ug/l	99
54) cis-1,3-Dichloropropene	7.45	75	17768	11.53	ug/l	99
55) 1,1,2-Trichloroethane	8.62	97	8466	11.02	ug/l	94
56) Ethyl methacrylate	8.74	69	7316	7.87	ug/l	93
57) 1,3-Dichloropropane	8.99	76	14456	10.71	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.77	63	8442	114.38	ug/l	100
59) 2-Hexanone	9.62	43	22842	33.31	ug/l	98
60) Dibromochloromethane	8.85	129	14276	12.59	ug/l	96
61) 1,2-Dibromoethane	9.13	107	8147	9.03	ug/l	90
64) Tetrachloroethene	8.30	164	26003	32.43	ug/l	95
65) Chlorobenzene	9.93	112	51015	22.69	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.06	131	17394	20.40	ug/l	97
67) Ethyl Benzene	10.03	91	108343	27.93	ug/l	98
68) m/p-Xylenes	10.26	106	75718	55.51	ug/l	98
69) o-Xylene	10.82	106	33458	22.02	ug/l	90
70) Styrene	10.89	104	47795	20.50	ug/l #	92
71) Bromoform	10.88	173	7290	12.26	ug/l	98
73) Isopropylbenzene	11.23	105	132299	33.53	ug/l	98
74) N-amyl acetate	11.45	43	12273	10.01	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.78	83	11503	13.35	ug/l	95
76) 1,2,3-Trichloropropane	11.88	75	9683	14.49	ug/l	87
77) Bromobenzene	11.59	156	22424	20.90	ug/l	98
78) n-propylbenzene	11.68	91	161594	33.18	ug/l	95
79) 2-Chlorotoluene	11.81	91	77570	27.09	ug/l	96
80) 1,3,5-Trimethylbenzene	11.91	105	101510	29.53	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.94	75	2622	8.57	ug/l #	65
82) 4-Chlorotoluene	11.98	91	77453	24.91	ug/l	100
83) tert-Butylbenzene	12.21	119	109200	32.57	ug/l	94
84) 1,2,4-Trimethylbenzene	12.28	105	91057	24.91	ug/l	94
85) sec-Butylbenzene	12.38	105	162426	34.80	ug/l	98
86) p-Isopropyltoluene	12.54	119	119891	30.96	ug/l	97
87) 1,3-Dichlorobenzene	12.56	146	48096	24.24	ug/l	96
88) 1,4-Dichlorobenzene	12.64	146	45189	22.92	ug/l	97
89) n-Butylbenzene	12.91	91	108375	28.80	ug/l	94
90) Hexachloroethane	12.99	117	27329	31.40	ug/l	98
91) 1,2-Dichlorobenzene	13.01	146	41907	21.96	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.71	75	1842	10.46	ug/l	86

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082718\
Data File : VF060137.D
Acq On : 27 Aug 2018 20:53
Operator : VA/AP
Sample : VF0827SBSD01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0827SBSD01

Quant Time: Aug 28 01:14:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	17872	12.72	ug/l	87
94) Hexachlorobutadiene	14.25	225	27214	31.12	ug/l	94
95) Naphthalene	14.52	128	13427	7.54	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.67	180	14911	11.12	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060137.D
 Acq On : 27 Aug 2018 20:53
 Operator : VA/AP
 Sample : VF0827SBSD01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 Client Sample Id :
 VF0827SBSD01

Quant Time: Aug 28 01:14:48 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

