

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072518\
 Data File : VF059659.D
 Acq On : 25 Jul 2018 15:53
 Operator : VA/AP
 Sample : VF0725SBSD01
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0725SBSD01

Quant Time: Jul 25 16:22:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	238612	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.76	114	319874	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	270312	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	158479	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	125501	37.75	ug/l	0.01
Spiked Amount			Recovery	=	75.50%	
35) Dibromofluoromethane	4.29	113	135414	47.04	ug/l	0.01
Spiked Amount			Recovery	=	94.08%	
50) Toluene-d8	7.71	98	346202	49.34	ug/l	0.01
Spiked Amount			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.51	95	161254	44.73	ug/l	0.01
Spiked Amount			Recovery	=	89.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.98	85	56814	20.34	ug/l	91
3) Chloromethane	1.08	50	33353	22.90	ug/l	99
4) Vinyl Chloride	1.15	62	35356	22.92	ug/l	88
5) Bromomethane	1.34	94	26816	22.44	ug/l	86
6) Chloroethane	1.42	64	20042	21.61	ug/l	89
7) Trichlorofluoromethane	1.49	101	86379	20.64	ug/l	96
8) Diethyl Ether	1.70	74	10777	18.49	ug/l	56
9) 1,1,2-Trichlorotrifluoroet	1.88	101	50090	22.87	ug/l	88
10) Methyl Iodide	1.93	142	74362	21.57	ug/l	99
11) Tert butyl alcohol	2.69	59	9795	79.11	ug/l #	91
12) 1,1-Dichloroethene	1.83	96	37431	22.91	ug/l	89
13) Acrolein	2.09	56	4193	69.07	ug/l #	52
14) Allyl chloride	2.19	41	68268	24.12	ug/l	90
15) Acrylonitrile	3.08	53	17531	82.26	ug/l #	74
16) Acetone	2.33	43	38467	73.76	ug/l	95
17) Carbon Disulfide	1.84	76	119848	29.33	ug/l #	94
18) Methyl Acetate	2.45	43	13326	14.26	ug/l	98
19) Methyl tert-butyl Ether	2.54	73	68810	15.99	ug/l	96
20) Methylene Chloride	2.28	84	32255	19.92	ug/l #	90
21) trans-1,2-Dichloroethene	2.41	96	39030	22.76	ug/l	96
22) Diisopropyl ether	2.93	45	112705	20.76	ug/l	98
23) Vinyl Acetate	3.33	43	206168	82.34	ug/l	97
24) 1,1-Dichloroethane	2.99	63	80517	20.85	ug/l	98
25) 2-Butanone	4.51	43	55073	88.20	ug/l	96
26) 2,2-Dichloropropane	3.76	77	78389	25.79	ug/l	99
27) cis-1,2-Dichloroethene	3.64	96	43674	20.81	ug/l	94
28) Bromochloromethane	3.89	49	23519	15.63	ug/l	97
29) Tetrahydrofuran	4.26	42	19328	70.37	ug/l	99
30) Chloroform	4.04	83	102128	19.06	ug/l	100
31) Cyclohexane	3.86	56	57380	25.53	ug/l	88
32) 1,1,1-Trichloroethane	4.28	97	99731	21.85	ug/l	99
36) 1,1-Dichloropropene	4.46	75	74454	22.72	ug/l	99
37) Ethyl Acetate	4.30	43	19667	14.29	ug/l	98
38) Carbon Tetrachloride	4.18	117	99785	22.06	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072518\
 Data File : VF059659.D
 Acq On : 25 Jul 2018 15:53
 Operator : VA/AP
 Sample : VF0725SBSD01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VF0725SBSD01

Quant Time: Jul 25 16:22:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	69456	26.13	ug/l	91
40) Benzene	4.81	78	134647	22.21	ug/l	99
41) Methacrylonitrile	4.92	41	8698	14.19	ug/l #	84
42) 1,2-Dichloroethane	5.11	62	54320	15.12	ug/l	98
43) Isopropyl Acetate	7.12	43	21434	14.87	ug/l #	95
44) Trichloroethene	5.68	130	50059	22.37	ug/l	87
45) 1,2-Dichloropropane	6.41	63	30651	19.97	ug/l	94
46) Dibromomethane	6.26	93	21633	16.69	ug/l	97
47) Bromodichloromethane	6.55	83	77565	20.46	ug/l	98
48) Methyl methacrylate	6.88	41	15344	14.46	ug/l	98
49) 1,4-Dioxane	6.87	88	2965	363.14	ug/l	94
51) 4-Methyl-2-Pentanone	8.41	43	80902	76.37	ug/l	99
52) Toluene	7.79	92	87955	20.30	ug/l	100
53) t-1,3-Dichloropropene	8.43	75	50560	16.74	ug/l	91
54) cis-1,3-Dichloropropene	7.46	75	56340	17.64	ug/l	97
55) 1,1,2-Trichloroethane	8.64	97	20915	15.47	ug/l	98
56) Ethyl methacrylate	8.76	69	22999	15.92	ug/l	93
57) 1,3-Dichloropropane	9.01	76	38684	16.72	ug/l #	86
58) 2-Chloroethyl Vinyl ether	7.78	63	18267	98.49	ug/l	100
59) 2-Hexanone	9.63	43	65637	81.14	ug/l	95
60) Dibromochloromethane	8.87	129	37452	14.99	ug/l	90
61) 1,2-Dibromoethane	9.14	107	24189	14.66	ug/l	93
64) Tetrachloroethene	8.31	164	49140	22.94	ug/l	92
65) Chlorobenzene	9.94	112	108589	21.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.07	131	48312	20.81	ug/l	97
67) Ethyl Benzene	10.04	91	214900	23.88	ug/l	99
68) m/p-Xylenes	10.27	106	152503	47.43	ug/l	98
69) o-Xylene	10.83	106	75127	21.95	ug/l	97
70) Styrene	10.90	104	112243	22.71	ug/l	99
71) Bromoform	10.89	173	23087	17.67	ug/l	98
73) Isopropylbenzene	11.23	105	270789	27.19	ug/l	98
74) N-amyl acetate	11.46	43	42339	19.82	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.79	83	28293	18.76	ug/l	100
76) 1,2,3-Trichloropropane	11.89	75	22289	17.89	ug/l	93
77) Bromobenzene	11.60	156	55338	22.71	ug/l	88
78) n-propylbenzene	11.69	91	316138	26.66	ug/l	99
79) 2-Chlorotoluene	11.82	91	176381	24.72	ug/l	98
80) 1,3,5-Trimethylbenzene	11.92	105	234996	26.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.95	75	7872	10.27	ug/l	91
82) 4-Chlorotoluene	11.99	91	174399	22.90	ug/l	99
83) tert-Butylbenzene	12.22	119	235566	26.40	ug/l	95
84) 1,2,4-Trimethylbenzene	12.29	105	218184	24.02	ug/l	96
85) sec-Butylbenzene	12.39	105	307978	25.89	ug/l	97
86) p-Isopropyltoluene	12.54	119	267537	25.84	ug/l	99
87) 1,3-Dichlorobenzene	12.56	146	110315	22.88	ug/l	93
88) 1,4-Dichlorobenzene	12.64	146	103309	21.87	ug/l	95
89) n-Butylbenzene	12.92	91	261891	26.53	ug/l	98
90) Hexachloroethane	13.00	117	63444	25.12	ug/l #	1
91) 1,2-Dichlorobenzene	13.02	146	98151	21.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.72	75	5687	14.62	ug/l	87

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072518\
Data File : VF059659.D
Acq On : 25 Jul 2018 15:53
Operator : VA/AP
Sample : VF0725SBSD01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 84 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0725SBSD01

Quant Time: Jul 25 16:22:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 02:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	71177	18.42	ug/l	95
94) Hexachlorobutadiene	14.26	225	62569	23.79	ug/l	93
95) Naphthalene	14.53	128	88548	15.69	ug/l	97
96) 1,2,3-Trichlorobenzene	14.68	180	60343	18.76	ug/l	93

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

