

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062618\
 Data File : VF059318.D
 Acq On : 26 Jun 2018 15:50
 Operator : VA/AP
 Sample : J3670-07
 Misc : 5.28g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP021SB487-21-23-180621

Quant Time: Jun 27 03:41:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	231081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	353502	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	299247	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	172872	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	128603	43.08	ug/l	-0.01
Spiked Amount			Recovery	=	86.16%	
35) Dibromofluoromethane	4.28	113	121371	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
50) Toluene-d8	7.69	98	286876	44.86	ug/l	-0.01
Spiked Amount			Recovery	=	89.72%	
62) 4-Bromofluorobenzene	11.49	95	182996	50.73	ug/l	-0.01
Spiked Amount			Recovery	=	101.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.14	62	15847	11.35	ug/l	94
16) Acetone	2.32	43	35919	39.59	ug/l	99
20) Methylene Chloride	2.26	84	22250	6.92	ug/l	95
21) trans-1,2-Dichloroethene	2.39	96	5921	4.07	ug/l	83
25) 2-Butanone	4.48	43	9498	7.86	ug/l #	84
27) cis-1,2-Dichloroethene	3.62	96	98029	44.43	ug/l	87
39) Methylcyclohexane	5.60	83	24616	9.00	ug/l #	79
40) Benzene	4.79	78	18541	2.71	ug/l	95
44) Trichloroethene	5.66	130	23794	10.13	ug/l	96
51) 4-Methyl-2-Pentanone	8.40	43	35288	18.52	ug/l #	65
52) Toluene	7.77	92	7801	1.52	ug/l #	73
59) 2-Hexanone	9.62	43	31575	5.53	ug/l	97
64) Tetrachloroethene	8.29	164	4621	2.38	ug/l #	78
65) Chlorobenzene	9.92	112	2337605	421.56	ug/l	94
68) m/p-Xylenes	10.25	106	3845	1.15	ug/l	89
73) Isopropylbenzene	11.22	105	10127	1.01	ug/l	96
83) tert-Butylbenzene	12.20	119	177793	20.15	ug/l	89
85) sec-Butylbenzene	12.38	105	128523	10.99	ug/l #	41
86) p-Isopropyltoluene	12.53	119	11314	1.15	ug/l #	76
87) 1,3-Dichlorobenzene	12.55	146	126738	25.19	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	322077	64.54	ug/l	98
89) n-Butylbenzene	12.91	91	20808	2.09	ug/l	84
91) 1,2-Dichlorobenzene	13.01	146	712836	140.53	ug/l	98
93) 1,2,4-Trichlorobenzene	14.25	180	13674	3.65	ug/l #	74
95) Naphthalene	14.51	128	28932	3.69	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.66	180	7759	2.18	ug/l #	83

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

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