

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
 Data File : VF061171.D
 Acq On : 24 Dec 2018 18:05
 Operator : VA/AP
 Sample : J6389-08RE
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS013-1824-01RE

Manual Integrations
 APPROVED

apatel
 12/27/2018 2:37:42 PM

Quant Time: Dec 25 05:58:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	40104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	68674	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	40228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	14080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	23940	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	4.12	113	25339	46.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.12%	
50) Toluene-d8	7.57	98	58744	37.68	ug/l	0.02
Spiked Amount	50.000		Recovery	=	75.36%	
62) 4-Bromofluorobenzene	11.42	95	22365	31.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.24%	
Target Compounds						
					Qvalue	
16) Acetone	2.23	43	176925	1715.796	ug/l	94
25) 2-Butanone	4.35	43	30809	184.228	ug/l	96
27) cis-1,2-Dichloroethene	3.48	96	50299	86.895	ug/l	92
31) Cyclohexane	3.69	56	85903m	114.017	ug/l	
39) Methylcyclohexane	5.46	83	146458	196.939	ug/l	99
40) Benzene	4.63	78	16310	9.149	ug/l	100
44) Trichloroethene	5.51	130	9457	16.827	ug/l	93
52) Toluene	7.69	92	11706395	9920.508	ug/l #	63
64) Tetrachloroethene	8.16	164	29362	94.883	ug/l	97
65) Chlorobenzene	9.81	112	24440	29.408	ug/l	98
67) Ethyl Benzene	9.91	91	3405951	2249.596	ug/l #	89
68) m/p-Xylenes	10.19	106	6106976	11461.580	ug/l #	64
69) o-Xylene	10.74	106	2517525	4260.222	ug/l #	1
70) Styrene	10.80	104	22858	29.767	ug/l #	86
73) Isopropylbenzene	11.13	105	112274	92.532	ug/l	100
78) n-propylbenzene	11.60	91	109414	97.305	ug/l	97
80) 1,3,5-Trimethylbenzene	11.82	105	213700	213.892	ug/l	95
84) 1,2,4-Trimethylbenzene	12.21	105	496095	497.929	ug/l	99
85) sec-Butylbenzene	12.31	105	19353	14.424	ug/l #	62
86) p-Isopropyltoluene	12.46	119	81402m	73.094	ug/l	
88) 1,4-Dichlorobenzene	12.56	146	8824	18.398	ug/l #	74
89) n-Butylbenzene	12.84	91	35508	28.752	ug/l #	40
91) 1,2-Dichlorobenzene	12.94	146	6760	14.477	ug/l #	68
93) 1,2,4-Trichlorobenzene	14.20	180	59541	179.799	ug/l	92
95) Naphthalene	14.46	128	164949	272.779	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.60	180	18614	60.803	ug/l	97

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

