

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111318\
 Data File : VF060715.D
 Acq On : 13 Nov 2018 16:44
 Operator : VA/AP
 Sample : J5807-23DL 4X
 Misc : 5.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 PT-VOA-SOILDL

Manual Integrations
 APPROVED

sam
 11/14/2018 11:53:57 AM

Quant Time: Nov 14 03:46:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	222091	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	390469	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	355022	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	202508	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	117433	46.36	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	92.72%	
35) Dibromofluoromethane	4.12	113	149813	51.04	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	102.08%	
50) Toluene-d8	7.56	98	387948	51.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.42	95	184333	53.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.23	43	100919	186.385	ug/l	98
19) Methyl tert-butyl Ether	2.43	73	191032	43.948	ug/l	97
20) Methylene Chloride	2.19	84	100412m	56.151	ug/l	
21) trans-1,2-Dichloroethene	2.31	96	101696	53.721	ug/l	92
22) Diisopropyl ether	2.80	45	281100	45.869	ug/l	99
24) 1,1-Dichloroethane	2.88	63	48509	13.075	ug/l	98
25) 2-Butanone	4.34	43	69341	77.858	ug/l	97
27) cis-1,2-Dichloroethene	3.48	96	75901	23.569	ug/l	95
28) Bromochloromethane	3.72	49	85780	44.488	ug/l	91
30) Chloroform	3.87	83	204042	34.277	ug/l	96
32) 1,1,1-Trichloroethane	4.10	97	219267	46.774	ug/l	100
40) Benzene	4.64	78	478933	47.444	ug/l	99
42) 1,2-Dichloroethane	4.95	62	152607	43.747	ug/l	97
44) Trichloroethene	5.51	130	68818	21.607	ug/l	90
45) 1,2-Dichloropropane	6.24	63	58711	22.351	ug/l	97
46) Dibromomethane	6.09	93	41336	23.839	ug/l	98
51) 4-Methyl-2-Pentanone	8.26	43	149540	92.625	ug/l	100
52) Toluene	7.63	92	264369	39.081	ug/l	98
53) t-1,3-Dichloropropene	8.29	75	40228	11.343	ug/l	96
54) cis-1,3-Dichloropropene	7.30	75	135043	29.314	ug/l	97
59) 2-Hexanone	9.50	43	43901	38.693	ug/l	96
60) Dibromochloromethane	8.73	129	40037	14.535	ug/l	91
61) 1,2-Dibromoethane	8.99	107	63753	31.364	ug/l	86
64) Tetrachloroethene	8.16	164	54646	19.437	ug/l	96
65) Chlorobenzene	9.81	112	265901	37.116	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.94	131	52183	16.700	ug/l	88
68) m/p-Xylenes	10.14	106	184255	38.180	ug/l	90
69) o-Xylene	10.72	106	209935	38.693	ug/l	94
71) Bromoform	10.78	173	46331	32.973	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.70	83	18470	6.854	ug/l	94
78) n-propylbenzene	11.61	91	359062	18.887	ug/l	97
86) p-Isopropyltoluene	12.46	119	382983	24.602	ug/l	95
87) 1,3-Dichlorobenzene	12.48	146	96747	14.328	ug/l	98
91) 1,2-Dichlorobenzene	12.95	146	205626	32.343	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.65	75	8792	17.358	µg/l	84
95) Naphthalene	14.47	128	197718	23.713	µg/l	98

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

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