

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032319\
 Data File : VF062123.D
 Acq On : 23 Mar 2019 18:02
 Operator : VA/AP
 Sample : K2045-13
 Misc : 6.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WP022SB436-190320-(20-22)

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 12:40:49 PM

Quant Time: Mar 25 04:22:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	245890	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	400386	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.77	117	305551	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	145665	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	74365	40.66	ug/l	-0.03
Spiked Amount			Recovery	=	81.32%	
35) Dibromofluoromethane	4.11	113	112293	41.46	ug/l	-0.03
Spiked Amount			Recovery	=	82.92%	
50) Toluene-d8	7.56	98	291903	36.11	ug/l	-0.03
Spiked Amount			Recovery	=	72.22%	
62) 4-Bromofluorobenzene	11.41	95	127773	40.94	ug/l	-0.02
Spiked Amount			Recovery	=	81.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.14	62	383693	125.851	ug/l	98
16) Acetone	2.24	43	19571	50.843	ug/l	93
21) trans-1,2-Dichloroethene	2.31	96	21556	9.452	ug/l	89
24) 1,1-Dichloroethane	2.87	63	62820	15.789	ug/l	97
27) cis-1,2-Dichloroethene	3.47	96	415041	137.342	ug/l	95
31) Cyclohexane	3.69	56	19082m	4.592	ug/l	
39) Methylcyclohexane	5.46	83	53878	12.173	ug/l	92
40) Benzene	4.64	78	109708	10.731	ug/l	99
42) 1,2-Dichloroethane	4.94	62	14599	6.038	ug/l	96
52) Toluene	7.62	92	30928	5.223	ug/l	99
65) Chlorobenzene	9.80	112	2953723	516.650	ug/l #	88
67) Ethyl Benzene	9.90	91	34286	3.448	ug/l	98
69) o-Xylene	10.71	106	18891	4.854	ug/l	88
73) Isopropylbenzene	11.13	105	17433	1.701	ug/l	98
78) n-propylbenzene	11.59	91	43234	3.632	ug/l	95
79) 2-Chlorotoluene	11.72	91	13008	1.966	ug/l	84
83) tert-Butylbenzene	12.13	119	12094	1.370	ug/l	79
85) sec-Butylbenzene	12.31	105	31710	2.777	ug/l #	71
86) p-Isopropyltoluene	12.43	119	26470	2.676	ug/l	95
87) 1,3-Dichlorobenzene	12.48	146	709730	152.547	ug/l	94
88) 1,4-Dichlorobenzene	12.56	146	1707551	376.119	ug/l	89
89) n-Butylbenzene	12.84	91	35125	3.722	ug/l	92
91) 1,2-Dichlorobenzene	12.95	146	3119256	714.004	ug/l	83
93) 1,2,4-Trichlorobenzene	14.20	180	154049	50.595	ug/l	95
96) 1,2,3-Trichlorobenzene	14.60	180	26605	9.335	ug/l	88

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

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