

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001700.D
 Acq On : 19 Feb 2020 15:13
 Operator : SY/MD
 Sample : L1581-02
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 40712

Quant Time: Feb 20 06:06:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	119534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	137001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	24101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	75269	58.54	ug/l	-0.01
Spiked Amount			Recovery	=	117.08%	
35) Dibromofluoromethane	7.74	113	68173	50.74	ug/l	-0.01
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.19	98	225819	42.90	ug/l	0.00
Spiked Amount			Recovery	=	85.80%	
62) 4-Bromofluorobenzene	12.49	95	43910	21.47	ug/l	0.00
Spiked Amount			Recovery	=	42.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	27917	180.367	ug/l	98
16) Acetone	3.97	43	20467551	46006.044	ug/l	94
25) 2-Butanone	7.01	43	50934	84.277	ug/l #	89
39) Methylcyclohexane	9.19	83	797795	268.387	ug/l	95
40) Benzene	8.17	78	47249	7.170	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	61600	47.251	ug/l	99
52) Toluene	10.27	92	25201942	6131.088	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.77	63	898	Below Cal	#	48
67) Ethyl Benzene	11.60	91	76648	15.100	ug/l	97
68) m/p-Xylenes	11.70	106	34863	18.387	ug/l	96
69) o-Xylene	12.03	106	16673	9.249	ug/l	99
73) Isopropylbenzene	12.34	105	3155	1.718	ug/l	100
78) n-propylbenzene	12.68	91	13135	5.874	ug/l	96
80) 1,3,5-Trimethylbenzene	12.82	105	8072	5.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	24817	16.378	ug/l	99
85) sec-Butylbenzene	13.26	105	3275	1.752	ug/l #	75
86) p-Isopropyltoluene	13.37	119	2759	1.699	ug/l	94
89) n-Butylbenzene	13.70	91	19845	11.958	ug/l #	75
95) Naphthalene	15.24	128	10843	9.962	ug/l	98

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

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