

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062424.D
 Acq On : 16 May 2019 18:21
 Operator : FY/SY
 Sample : K2823-04
 Misc : 5.67g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11-B2

Quant Time: May 17 02:30:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	12510	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.21	114	20160	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	20736	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	9832	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	7808	67.16	ug/l	0.03
Spiked Amount			Recovery	=	134.32%	
35) Dibromofluoromethane	6.91	113	6033	36.07	ug/l	0.02
Spiked Amount			Recovery	=	72.14%	
50) Toluene-d8	10.42	98	14130	35.04	ug/l	0.02
Spiked Amount			Recovery	=	70.08%	
62) 4-Bromofluorobenzene	13.56	95	7896	48.76	ug/l	0.01
Spiked Amount			Recovery	=	97.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	3378	169.673	ug/l #	1
16) Acetone	3.21	43	1722	70.631	ug/l #	50
18) Methyl Acetate	3.75	43	181	3.871	ug/l #	53
20) Methylene Chloride	3.80	84	203	1.994	ug/l #	8
29) Tetrahydrofuran	6.46	42	180	14.690	ug/l #	30
31) Cyclohexane	6.98	56	607	4.976	ug/l #	14
36) 1,1-Dichloropropene	7.04	75	492	2.977	ug/l #	40
37) Ethyl Acetate	6.24	43	211	3.010	ug/l #	64
38) Carbon Tetrachloride	7.03	117	321	1.403	ug/l #	12
39) Methylcyclohexane	8.87	83	1884	11.896	ug/l	97
43) Isopropyl Acetate	9.03	43	1583	15.923	ug/l #	43
48) Methyl methacrylate	9.01	41	1220	19.923	ug/l #	14
51) 4-Methyl-2-Pentanone	10.35	43	657	10.281	ug/l #	37
52) Toluene	10.52	92	460	1.894	ug/l #	70
55) 1,1,2-Trichloroethane	11.24	97	456	5.307	ug/l #	16
59) 2-Hexanone	11.49	43	2197	46.645	ug/l #	27
73) Isopropylbenzene	13.41	105	599	1.016	ug/l #	51
74) N-amyl acetate	13.22	43	3275	21.195	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	13.66	83	208	1.864	ug/l #	25
78) n-propylbenzene	13.77	91	3052	4.341	ug/l #	54
79) 2-Chlorotoluene	13.77	91	3052	7.580	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.56	75	3507	106.317	ug/l #	16
84) 1,2,4-Trimethylbenzene	14.36	105	1312	2.634	ug/l #	30
85) sec-Butylbenzene	14.36	105	1312	2.145	ug/l #	60
89) n-Butylbenzene	14.80	91	2971	6.058	ug/l	84
90) Hexachloroethane	15.05	117	750	5.047	ug/l #	20
95) Naphthalene	16.12	128	1400	5.551	ug/l #	70

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

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