

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012820\
 Data File : VD064979.D
 Acq On : 28 Jan 2020 15:22
 Operator : VA/SY
 Sample : L1008-15
 Misc : 8.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-012420

Quant Time: Jan 29 01:34:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	8251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	12409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	12989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5791	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	6137	77.54	ug/l	-0.01
Spiked Amount			Recovery	=	155.08%	
35) Dibromofluoromethane	7.92	113	4988	63.97	ug/l	0.00
Spiked Amount			Recovery	=	127.94%	
50) Toluene-d8	10.34	98	14730	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.64	95	5218	56.65	ug/l	0.00
Spiked Amount			Recovery	=	113.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	334	3.666	ug/l #	22
5) Bromomethane	2.80	94	303	4.305	ug/l #	3
6) Chloroethane	2.90	64	69	1.000	ug/l #	43
16) Acetone	4.16	43	799	48.668	ug/l #	45
18) Methyl Acetate	4.73	43	71	1.915	ug/l #	51
20) Methylene Chloride	4.96	84	61	Below Cal	#	52
21) trans-1,2-Dichloroethene	5.47	96	113	1.366	ug/l #	1
25) 2-Butanone	7.22	43	61	2.853	ug/l #	49
29) Tetrahydrofuran	7.77	42	88	6.670	ug/l #	34
31) Cyclohexane	7.98	56	290	2.103	ug/l #	59
36) 1,1-Dichloropropene	7.98	75	438	3.660	ug/l #	42
37) Ethyl Acetate	7.24	43	213	4.310	ug/l #	69
38) Carbon Tetrachloride	7.98	117	771	6.096	ug/l #	14
39) Methylcyclohexane	9.36	83	199	1.423	ug/l #	40
40) Benzene	8.36	78	5816	17.648	ug/l #	88
41) Methacrylonitrile	7.53	41	83	3.117	ug/l #	24
48) Methyl methacrylate	9.34	41	210	4.861	ug/l #	56
51) 4-Methyl-2-Pentanone	10.24	43	95	2.022	ug/l #	37
52) Toluene	10.40	92	776	3.652	ug/l #	72
55) 1,1,2-Trichloroethane	10.79	97	66	1.123	ug/l #	16
59) 2-Hexanone	10.96	43	84	2.592	ug/l #	25
67) Ethyl Benzene	11.75	91	940	2.008	ug/l #	44
68) m/p-Xylenes	11.86	106	505	2.801	ug/l #	65
69) o-Xylene	12.19	106	186	1.163	ug/l	88
73) Isopropylbenzene	12.49	105	1387	3.504	ug/l	95
74) N-amyl acetate	12.30	43	131	1.479	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.80	83	286	4.299	ug/l #	26
76) 1,2,3-Trichloropropane	12.63	75	3145	65.431	ug/l #	100
78) n-propylbenzene	12.83	91	2737	5.815	ug/l	87
80) 1,3,5-Trimethylbenzene	13.14	105	893	2.753	ug/l	63
81) trans-1,4-Dichloro-2-buten	12.63	75	3145	139.711	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.14	105	893	2.718	ug/l	69
85) sec-Butylbenzene	13.41	105	1964	5.039	ug/l #	64
86) p-Isopropyltoluene	13.53	119	711	1.950	ug/l	85

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89) n-Butylbenzene	13.86	91	2158	6.484	ug/l #	84
90) Hexachloroethane	14.13	117	454	6.455	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.36	75	55	5.166	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.18	180	120	1.100	ug/l #	1
95) Naphthalene	15.41	128	728	4.133	ug/l #	67

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

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