

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092320\
 Data File : VD066836.D
 Acq On : 23 Sep 2020 16:06
 Operator : VA/SY
 Sample : L3871-25
 Misc : 9.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-092320

Quant Time: Sep 23 16:26:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	2156	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.64	117	4262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	4173	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	600	70.79	ug/l	0.00
Spiked Amount						
			Recovery	=	141.58%	
35) Dibromofluoromethane	7.90	113	166	12.10	ug/l	-0.01
Spiked Amount						
			Recovery	=	24.20%	
50) Toluene-d8	10.33	98	2961	63.36	ug/l	0.00
Spiked Amount						
			Recovery	=	126.72%	
62) 4-Bromofluorobenzene	12.63	95	2150	134.38	ug/l	0.00
Spiked Amount						
			Recovery	=	268.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.98	85	61	4.848	ug/l #	46
3) Chloromethane	2.20	50	149	18.726	ug/l #	43
4) Vinyl Chloride	2.36	62	60	7.633	ug/l #	41
5) Bromomethane	2.78	94	192	34.750	ug/l #	64
6) Chloroethane	3.05	64	72	14.750	ug/l #	46
8) Diethyl Ether	3.70	74	214	52.215	ug/l	95
12) 1,1-Dichloroethene	4.06	96	56	6.604	ug/l #	1
13) Acrolein	3.67	56	59	94.358	ug/l #	12
14) Allyl chloride	4.64	41	173	13.893	ug/l #	57
16) Acetone	4.16	43	9004	5007.611	ug/l #	71
18) Methyl Acetate	4.50	43	76	16.513	ug/l #	50
19) Methyl tert-butyl Ether	5.51	73	126	6.842	ug/l #	1
20) Methylene Chloride	4.96	84	17013	1977.603	ug/l	97
21) trans-1,2-Dichloroethene	5.27	96	68	6.925	ug/l #	1
22) Diisopropyl ether	6.39	45	59	2.304	ug/l #	22
23) Vinyl Acetate	6.29	43	71	7.725	ug/l #	71
25) 2-Butanone	7.21	43	202	93.484	ug/l #	46
27) cis-1,2-Dichloroethene	7.11	96	73	6.843	ug/l #	1
28) Bromochloromethane	7.71	49	2400	339.174	ug/l #	9
30) Chloroform	7.70	83	21195	1147.972	ug/l	91
36) 1,1-Dichloropropene	8.01	75	56	2.618	ug/l #	41
37) Ethyl Acetate	7.24	43	87	11.251	ug/l #	70
40) Benzene	8.34	78	449	7.532	ug/l #	50
41) Methacrylonitrile	7.57	41	54	11.356	ug/l #	100
47) Bromodichloromethane	9.66	83	5776	263.856	ug/l #	94
49) 1,4-Dioxane	9.45	88	1141	13660.565	ug/l #	85
51) 4-Methyl-2-Pentanone	10.22	43	523	69.237	ug/l #	52
52) Toluene	10.39	92	148	3.854	ug/l #	67
53) t-1,3-Dichloropropene	10.73	75	78	4.186	ug/l #	44
59) 2-Hexanone	10.98	43	77	15.116	ug/l #	25
60) Dibromochloromethane	11.14	129	1762	120.514	ug/l	91
67) Ethyl Benzene	11.74	91	158	1.014	ug/l #	43
74) N-amyl acetate	12.20	43	79	1.342	ug/l #	41
76) 1,2,3-Trichloropropane	12.63	75	1225	35.423	ug/l #	100

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77) Bromobenzene	12.76	156	222	3.149	ug/l #	33
81) trans-1,4-Dichloro-2-buten	12.63	75	1225	88.624	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.27	105	372	1.467	ug/l #	31
88) 1,4-Dichlorobenzene	13.59	146	481	3.477	ug/l #	48
91) 1,2-Dichlorobenzene	13.89	146	176	1.477	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	14.50	75	53	6.334	ug/l #	3
95) Naphthalene	15.41	128	1430	11.228	ug/l #	80

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

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