

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010583.D
 Acq On : 20 Sep 2022 18:20
 Operator : KP/MD
 Sample : N4697-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-24-6.5-7.0

Quant Time: Sep 21 01:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	1864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1391	78.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.040%	
35) Dibromofluoromethane	7.716	113	396	18.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 36.880%#	
50) Toluene-d8	10.179	98	3814	48.176	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.360%	
62) 4-Bromofluorobenzene	12.483	95	982	32.387	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 64.780%	
Target Compounds						Qvalue
3) Chloromethane	2.107	50	255	17.118	ug/l	94
4) Vinyl Chloride	2.235	62	20	Below Cal	#	43
5) Bromomethane	2.674	94	154	9.890	ug/l	90
10) Methyl Iodide	4.095	142	324	19.027	ug/l #	71
14) Allyl chloride	4.216	41	25	1.260	ug/l #	74
16) Acetone	3.930	43	186	51.159	ug/l #	47
19) Methyl tert-butyl Ether	5.192	73	43	1.048	ug/l #	52
20) Methylene Chloride	4.698	84	574	23.323	ug/l #	79
25) 2-Butanone	6.960	43	29	5.099	ug/l #	54
26) 2,2-Dichloropropane	6.954	77	90	3.329	ug/l #	55
27) cis-1,2-Dichloroethene	6.911	96	46	2.493	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	77	3.218	ug/l #	42
37) Ethyl Acetate	6.960	43	29	2.098	ug/l #	72
38) Carbon Tetrachloride	7.789	117	90	3.271	ug/l #	11
51) 4-Methyl-2-Pentanone	10.069	43	50	3.496	ug/l #	40
59) 2-Hexanone	10.709	43	19	1.960	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	516	67.243	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	516	149.511	ug/l #	7
95) Naphthalene	15.233	128	919	34.977	ug/l #	71

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

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