Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007964.D
Acq On : 21 Mar 2022 18:56
Operator : SY/MD
Sample : N1974-10
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
G-6-7-14-15

Quant Time: Mar 22 03:41:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	251	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.685	114	510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	184	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	274	95.742	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 191.480%#			
35) Dibromofluoromethane	7.710	113	165	46.068	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.140%			
50) Toluene-d8	10.191	98	461	41.701	ug/l	0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.400%			
62) 4-Bromofluorobenzene	12.489	95	31	6.031	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 12.060%#			
Target Compounds						Qvalue
6) Chloroethane	2.790	64	256	124.717	ug/l #	43
8) Diethyl Ether	3.326	74	20	11.710	ug/l #	1
12) 1,1-Dichloroethene	3.887	96	179	65.676	ug/l #	1
14) Allyl chloride	4.485	41	20	4.363	ug/l #	1
15) Acrylonitrile	5.076	53	21	23.071	ug/l #	17
16) Acetone	3.942	43	79	104.055	ug/l #	47
18) Methyl Acetate	4.509	43	150	87.326	ug/l #	56
19) Methyl tert-butyl Ether	5.198	73	51	5.965	ug/l #	52
21) trans-1,2-Dichloroethene	5.222	96	160	52.437	ug/l #	1
22) Diisopropyl ether	6.064	45	23	2.332	ug/l #	33
23) Vinyl Acetate	6.100	43	55	8.904	ug/l #	75
25) 2-Butanone	6.990	43	49	40.293	ug/l #	54
26) 2,2-Dichloropropane	7.015	77	32	6.215	ug/l #	55
27) cis-1,2-Dichloroethene	6.996	96	143	39.045	ug/l #	1
28) Bromochloromethane	7.435	49	24	10.938	ug/l #	16
29) Tetrahydrofuran	7.320	42	125	160.422	ug/l #	38
32) 1,1,1-Trichloroethane	7.960	97	19	3.674	ug/l #	23
37) Ethyl Acetate	7.039	43	24	7.404	ug/l #	72
41) Methacrylonitrile	7.313	41	22	11.005	ug/l #	1
42) 1,2-Dichloroethane	8.496	62	20	4.450	ug/l #	79
43) Isopropyl Acetate	8.283	43	59	9.441	ug/l #	56
48) Methyl methacrylate	9.295	41	44	15.828	ug/l #	51
51) 4-Methyl-2-Pentanone	10.051	43	127	38.573	ug/l #	40
55) 1,1,2-Trichloroethane	10.886	97	31	9.074	ug/l #	15
59) 2-Hexanone	10.849	43	96	40.774	ug/l #	28

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

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