Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
Data File : VY018930.D
Acq On : 08 Aug 2024 13:59
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Aug 08 14:33:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 14:14:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	49469	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.610	114	78490	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	63748	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	25296	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.055	65	21331	49.112	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.220%				
35) Dibromofluoromethane	7.628	113	23833	47.542	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.080%				
50) Toluene-d8	10.103	98	91535	47.537	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.080%				
62) 4-Bromofluorobenzene	12.408	95	24343	42.612	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.220%				
Target Compounds							Qvalue
3) Chloromethane	2.068	50	634	Below Cal		#	88
5) Bromomethane	2.605	94	1523	1.675	ug/l		89
11) Tert butyl alcohol	4.818	59	784	Below Cal		#	88
13) Acrolein	3.635	56	56	Below Cal		#	1
15) Acrylonitrile	5.043	53	255	2.778	ug/l	#	44
16) Acetone	3.854	43	534	17.043	ug/l	#	45
20) Methylene Chloride	4.604	84	5854	6.649	ug/l	#	90
23) Vinyl Acetate	5.958	43	1131	1.003	ug/l	#	67
25) 2-Butanone	6.872	43	699	4.971	ug/l	#	41
31) Cyclohexane	7.695	56	1402	Below Cal		#	43
36) 1,1-Dichloropropene	7.695	75	3858	5.733	ug/l	#	53
38) Carbon Tetrachloride	7.707	117	4661	6.041	ug/l	#	13
41) Methacrylonitrile	7.201	41	61	Below Cal		#	32
49) 1,4-Dioxane	9.189	88	22	6.437	ug/l	#	20
59) 2-Hexanone	10.756	43	615	2.658	ug/l		66
76) 1,2,3-Trichloropropane	12.408	75	13311	42.101	ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.408	75	13311	145.547	ug/l	#	16
87) 1,3-Dichlorobenzene	13.298	146	1129	1.292	ug/l		97
88) 1,4-Dichlorobenzene	13.298	146	1129	1.325	ug/l		98
89) n-Butylbenzene	13.621	91	1500	1.002	ug/l		91
91) 1,2-Dichlorobenzene	13.664	146	1078	1.501	ug/l		84
93) 1,2,4-Trichlorobenzene	14.926	180	1477	3.734	ug/l		96
94) Hexachlorobutadiene	15.017	225	417	1.922	ug/l		79
95) Naphthalene	15.145	128	3266	4.638	ug/l	#	95
96) 1,2,3-Trichlorobenzene	15.334	180	1452	4.276	ug/l		93

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

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