Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
Data File : BN033361.D
Acq On : 13 Aug 2024 11:50
Operator : MA/JU
Sample : P3390-03
Misc : MDL-MDL-SOIL-0.2ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

Quant Time: Aug 13 12:24:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.573	152	4331	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	11781	0.400	ng	#	0.00
13) Acenaphthene-d10	14.212	164	6912	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	16982	0.400	ng	#	0.00
29) Chrysene-d12	21.166	240	13145	0.400	ng		0.00
35) Perylene-d12	23.346	264	13803	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	3429	0.287	ng		0.00
5) Phenol-d6	6.749	99	5039	0.312	ng		0.00
8) Nitrobenzene-d5	8.705	82	3266	0.368	ng		0.00
11) 2-Methylnaphthalene-d10	11.936	152	9889	0.545	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	973	0.274	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	10192	0.360	ng		0.00
27) Fluoranthene-d10	18.998	212	24958	0.550	ng		0.00
31) Terphenyl-d14	19.615	244	9269	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1193	0.248	ng		95
3) n-Nitrosodimethylamine	3.485	42	1367	0.221	ng		91
6) bis(2-Chloroethyl)ether	7.009	93	2915	0.223	ng		96
9) Naphthalene	10.381	128	7188	0.221	ng		98
10) Hexachlorobutadiene	10.690	225	1357	0.219	ng	#	96
12) 2-Methylnaphthalene	12.012	142	4760	0.217	ng		98
16) Acenaphthylene	13.924	152	6846	0.212	ng		99
17) Acenaphthene	14.266	154	4720	0.213	ng		97
18) Fluorene	15.260	166	6227	0.213	ng		99
20) 4,6-Dinitro-2-methylph...	15.335	198	375	0.182	ng	#	52
21) 4-Bromophenyl-phenylether	16.164	248	2041	0.201	ng	#	83
22) Hexachlorobenzene	16.263	284	2426	0.213	ng		95
23) Atrazine	16.437	200	1446	0.179	ng	#	90
24) Pentachlorophenol	16.611	266	958	0.208	ng		97
25) Phenanthrene	16.996	178	10872	0.222	ng		99
26) Anthracene	17.082	178	9330	0.215	ng		100
28) Fluoranthene	19.026	202	12124	0.201	ng		99
30) Pyrene	19.392	202	11868	0.227	ng		100
32) Benzo(a)anthracene	21.148	228	10020	0.204	ng		98
33) Chrysene	21.202	228	11197	0.227	ng		100
34) Bis(2-ethylhexyl)phtha...	21.121	149	4540	0.203	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.518	276	9764	0.171	ng		96
37) Benzo(b)fluoranthene	22.700	252	10199	0.196	ng	#	95
38) Benzo(k)fluoranthene	22.741	252	10689	0.202	ng	#	94
39) Benzo(a)pyrene	23.253	252	7723	0.177	ng	#	90
40) Dibenzo(a,h)anthracene	25.536	278	7779	0.173	ng		93
41) Benzo(g,h,i)perylene	26.170	276	8607	0.172	ng		95

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

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