Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033777.D
Acq On : 06 Sep 2024 11:45
Operator : MA/JU
Sample : P2403-03
Misc : MDL-MDL-SOIL-0.2ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 12:29:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	7845	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	21096	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	10058	0.400	ng	-0.01
19) Phenanthrene-d10	16.905	188	20461	0.400	ng	# 0.00
29) Chrysene-d12	21.113	240	16359	0.400	ng	0.00
35) Perylene-d12	23.268	264	17559	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	7234	0.301	ng	0.00
5) Phenol-d6	6.707	99	9502	0.334	ng	0.00
8) Nitrobenzene-d5	8.649	82	6406	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	11.869	152	16559	0.555	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	1513	0.298	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	14710	0.351	ng	0.00
27) Fluoranthene-d10	18.942	212	29029	0.575	ng	0.00
31) Terphenyl-d14	19.560	244	12139	0.348	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	1891m	0.212	ng	
3) n-Nitrosodimethylamine	3.464	42	2259	0.216	ng	# 96
6) bis(2-Chloroethyl)ether	6.953	93	5027	0.234	ng	100
9) Naphthalene	10.314	128	12226	0.217	ng	99
10) Hexachlorobutadiene	10.613	225	2437	0.208	ng	# 99
12) 2-Methylnaphthalene	11.945	142	7473	0.216	ng	100
16) Acenaphthylene	13.868	152	9085	0.209	ng	99
17) Acenaphthene	14.210	154	6300	0.211	ng	99
18) Fluorene	15.204	166	7762	0.211	ng	99
20) 4,6-Dinitro-2-methylph...	15.290	198	548	0.170	ng	96
21) 4-Bromophenyl-phenylether	16.110	248	2409	0.203	ng	93
22) Hexachlorobenzene	16.209	284	2740	0.202	ng	97
23) Atrazine	16.383	200	1856	0.196	ng	# 89
24) Pentachlorophenol	16.557	266	1192	0.214	ng	99
25) Phenanthrene	16.942	178	12239	0.217	ng	99
26) Anthracene	17.029	178	10357	0.211	ng	100
28) Fluoranthene	18.975	202	13073	0.207	ng	100
30) Pyrene	19.337	202	13162	0.200	ng	100
32) Benzo(a)anthracene	21.095	228	12235	0.210	ng	98
33) Chrysene	21.148	228	12539	0.217	ng	99
34) Bis(2-ethylhexyl)phtha...	21.059	149	6904	0.217	ng	99
36) Indeno(1,2,3-cd)pyrene	25.399	276	16114	0.222	ng	98
37) Benzo(b)fluoranthene	22.628	252	12783	0.198	ng	99
38) Benzo(k)fluoranthene	22.671	252	13821m	0.220	ng	
39) Benzo(a)pyrene	23.174	252	11334	0.210	ng	98
40) Dibenzo(a,h)anthracene	25.414	278	12724	0.219	ng	99
41) Benzo(g,h,i)perylene	26.045	276	12893	0.204	ng	100

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

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