Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090524\
Data File : BN033764.D
Acq On : 05 Sep 2024 12:21
Operator : MA/JU
Sample : P2403-01
Misc : LOD-MDL-SOIL-0.2ng
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 05 13:37:42 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

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	7110	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	18669	0.400	ng		0.00
13) Acenaphthene-d10	14.146	164	8349	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	16102	0.400	ng		0.00
29) Chrysene-d12	21.112	240	12619	0.400	ng		0.00
35) Perylene-d12	23.268	264	13283	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	6637	0.305	ng		0.00
5) Phenol-d6	6.707	99	8454	0.328	ng		0.00
8) Nitrobenzene-d5	8.649	82	5700	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	11.869	152	14444	0.547	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	1197	0.284	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	12630	0.363	ng		0.00
27) Fluoranthene-d10	18.947	212	22546	0.568	ng		0.00
31) Terphenyl-d14	19.560	244	9382	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	1848	0.228	ng		99
3) n-Nitrosodimethylamine	3.464	42	1993	0.210	ng		99
6) bis(2-Chloroethyl)ether	6.953	93	4507	0.232	ng		99
9) Naphthalene	10.325	128	10788	0.216	ng		99
10) Hexachlorobutadiene	10.613	225	2156	0.208	ng	#	99
12) 2-Methylnaphthalene	11.945	142	6547	0.214	ng		99
16) Acenaphthylene	13.868	152	7648	0.212	ng		100
17) Acenaphthene	14.210	154	5274	0.213	ng		100
18) Fluorene	15.204	166	6328	0.207	ng		99
20) 4,6-Dinitro-2-methylph...	15.300	198	394	0.155	ng	#	91
21) 4-Bromophenyl-phenylether	16.110	248	1962	0.210	ng		98
22) Hexachlorobenzene	16.209	284	2209	0.207	ng		97
23) Atrazine	16.396	200	1444	0.194	ng		97
24) Pentachlorophenol	16.557	266	932	0.213	ng		98
25) Phenanthrene	16.942	178	9643	0.217	ng		100
26) Anthracene	17.029	178	8144	0.211	ng		100
28) Fluoranthene	18.975	202	10092	0.203	ng		100
30) Pyrene	19.337	202	10203	0.201	ng		99
32) Benzo(a)anthracene	21.094	228	9182	0.204	ng		97
33) Chrysene	21.148	228	9581	0.215	ng		99
34) Bis(2-ethylhexyl)phtha...	21.059	149	5156	0.210	ng		100
36) Indeno(1,2,3-cd)pyrene	25.396	276	12179	0.222	ng		98
37) Benzo(b)fluoranthene	22.630	252	9802	0.201	ng		95
38) Benzo(k)fluoranthene	22.671	252	10629m	0.223	ng		
39) Benzo(a)pyrene	23.174	252	8322	0.204	ng		95
40) Dibenzo(a,h)anthracene	25.417	278	9586	0.218	ng		99
41) Benzo(g,h,i)perylene	26.042	276	10025	0.210	ng		99

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

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