Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090524\
Data File : BN033763.D
Acq On : 05 Sep 2024 11:44
Operator : MA/JU
Sample : P2403-01
Misc : LOD-MDL-SOIL-0.1ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 05 12:48:34 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	9508	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	24994	0.400	ng		0.00
13) Acenaphthene-d10	14.146	164	11442	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	22622	0.400	ng		0.00
29) Chrysene-d12	21.112	240	17284	0.400	ng		0.00
35) Perylene-d12	23.271	264	18820	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	8364	0.287	ng		0.00
5) Phenol-d6	6.707	99	10875	0.316	ng		0.00
8) Nitrobenzene-d5	8.649	82	7593	0.357	ng		0.00
11) 2-Methylnaphthalene-d10	11.869	152	18781	0.531	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	1604	0.278	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	17045	0.357	ng		0.00
27) Fluoranthene-d10	18.947	212	30978	0.555	ng		0.00
31) Terphenyl-d14	19.560	244	13346	0.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.176	88	1606	0.148	ng		98
3) n-Nitrosodimethylamine	3.472	42	1658	0.131	ng	#	98
6) bis(2-Chloroethyl)ether	6.960	93	3935	0.151	ng		99
9) Naphthalene	10.325	128	9183	0.138	ng		99
10) Hexachlorobutadiene	10.613	225	1846	0.133	ng	#	99
12) 2-Methylnaphthalene	11.945	142	5537	0.135	ng		98
16) Acenaphthylene	13.868	152	6492	0.131	ng		100
17) Acenaphthene	14.210	154	4512	0.133	ng		100
18) Fluorene	15.204	166	5467	0.131	ng		100
20) 4,6-Dinitro-2-methylph...	15.290	198	308	0.086	ng	#	57
21) 4-Bromophenyl-phenylether	16.110	248	1693	0.129	ng		94
22) Hexachlorobenzene	16.209	284	1940	0.129	ng		96
23) Atrazine	16.383	200	1292	0.123	ng	#	88
24) Pentachlorophenol	16.557	266	708	0.115	ng		98
25) Phenanthrene	16.942	178	8602	0.138	ng		99
26) Anthracene	17.029	178	7226	0.133	ng		99
28) Fluoranthene	18.975	202	8995	0.129	ng		98
30) Pyrene	19.337	202	9103	0.131	ng		100
32) Benzo(a)anthracene	21.104	228	8261	0.134	ng		99
33) Chrysene	21.148	228	8268	0.135	ng		100
34) Bis(2-ethylhexyl)phtha...	21.059	149	4591	0.136	ng		100
36) Indeno(1,2,3-cd)pyrene	25.399	276	10828	0.139	ng		98
37) Benzo(b)fluoranthene	22.633	252	8799	0.127	ng		94
38) Benzo(k)fluoranthene	22.674	252	9277m	0.138	ng		
39) Benzo(a)pyrene	23.177	252	7183	0.124	ng		93
40) Dibenzo(a,h)anthracene	25.417	278	8438	0.135	ng		96
41) Benzo(g,h,i)perylene	26.045	276	8936	0.132	ng		97

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

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