Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033348.D
Acq On : 12 Aug 2024 12:58
Operator : MA/JU
Sample : P3390-01
Misc : LOD-MDL-SOIL-0.2ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 13:25:58 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	7.580	152	4499	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	12444	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	7158	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	17757	0.400	ng		0.00
29) Chrysene-d12	21.166	240	13985	0.400	ng		0.00
35) Perylene-d12	23.352	264	14402	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	3656	0.294	ng		0.00
5) Phenol-d6	6.749	99	5330	0.318	ng		0.00
8) Nitrobenzene-d5	8.704	82	3376	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	10433	0.545	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	1023	0.279	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	10682	0.364	ng		0.00
27) Fluoranthene-d10	18.998	212	26292	0.554	ng		0.00
31) Terphenyl-d14	19.615	244	9944	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1079m	0.216	ng		
3) n-Nitrosodimethylamine	3.485	42	1459	0.227	ng	#	86
6) bis(2-Chloroethyl)ether	7.009	93	3008	0.221	ng		97
9) Naphthalene	10.391	128	7466	0.218	ng		99
10) Hexachlorobutadiene	10.690	225	1416	0.216	ng	#	100
12) 2-Methylnaphthalene	12.012	142	4935	0.213	ng		97
16) Acenaphthylene	13.924	152	7286	0.218	ng		100
17) Acenaphthene	14.277	154	4894	0.213	ng		98
18) Fluorene	15.271	166	6490	0.215	ng		99
20) 4,6-Dinitro-2-methylph...	15.335	198	353	0.164	ng	#	25
21) 4-Bromophenyl-phenylether	16.164	248	2111	0.199	ng		92
22) Hexachlorobenzene	16.276	284	2550	0.214	ng		96
23) Atrazine	16.437	200	1526	0.181	ng	#	89
24) Pentachlorophenol	16.611	266	1240m	0.258	ng		
25) Phenanthrene	16.996	178	11287	0.220	ng		100
26) Anthracene	17.095	178	9710	0.214	ng		100
28) Fluoranthene	19.030	202	12667	0.201	ng		99
30) Pyrene	19.392	202	12456	0.224	ng		100
32) Benzo(a)anthracene	21.148	228	10533	0.202	ng		98
33) Chrysene	21.202	228	11842	0.225	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	4821	0.203	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.524	276	10189	0.171	ng		97
37) Benzo(b)fluoranthene	22.703	252	10719	0.198	ng	#	95
38) Benzo(k)fluoranthene	22.747	252	11150	0.202	ng	#	94
39) Benzo(a)pyrene	23.256	252	8382	0.184	ng	#	91
40) Dibenzo(a,h)anthracene	25.545	278	8042	0.171	ng		93
41) Benzo(g,h,i)perylene	26.179	276	9000	0.173	ng		95

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

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