Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033347.D
Acq On : 12 Aug 2024 12:22
Operator : MA/JU
Sample : P3390-01
Misc : LOD-MDL-SOIL-0.1ng
ALS Vial : 5 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 12:51:18 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	4191	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	11799	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	6674	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	16743	0.400	ng		0.00
29) Chrysene-d12	21.166	240	14038	0.400	ng	#	0.00
35) Perylene-d12	23.352	264	15192	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	3273	0.283	ng		0.00
5) Phenol-d6	6.749	99	4735	0.303	ng		0.00
8) Nitrobenzene-d5	8.704	82	3124	0.351	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	9382	0.517	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	883	0.258	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	9804	0.358	ng		0.00
27) Fluoranthene-d10	19.002	212	24400	0.545	ng		0.00
31) Terphenyl-d14	19.620	244	9620	0.363	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	537m	0.115	ng		
3) n-Nitrosodimethylamine	3.492	42	608	0.101	ng		98
6) bis(2-Chloroethyl)ether	7.009	93	1456	0.115	ng		97
9) Naphthalene	10.391	128	3477	0.107	ng		95
10) Hexachlorobutadiene	10.690	225	647	0.104	ng	#	97
12) 2-Methylnaphthalene	12.011	142	2247	0.102	ng	#	95
16) Acenaphthylene	13.924	152	3220	0.103	ng		99
17) Acenaphthene	14.277	154	2160	0.101	ng		96
18) Fluorene	15.260	166	2830	0.100	ng		99
20) 4,6-Dinitro-2-methylph...	15.346	198	141	0.069	ng	#	1
21) 4-Bromophenyl-phenylether	16.164	248	973	0.097	ng		96
22) Hexachlorobenzene	16.276	284	1126	0.100	ng		96
23) Atrazine	16.437	200	711	0.089	ng	#	87
24) Pentachlorophenol	16.611	266	217	0.048	ng		95
25) Phenanthrene	16.995	178	5071	0.105	ng		99
26) Anthracene	17.095	178	4234	0.099	ng		99
28) Fluoranthene	19.030	202	5880	0.099	ng		99
30) Pyrene	19.392	202	5872	0.105	ng		100
32) Benzo(a)anthracene	21.157	228	5178	0.099	ng		99
33) Chrysene	21.201	228	5652	0.107	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	2404	0.101	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.527	276	5530	0.088	ng		98
37) Benzo(b)fluoranthene	22.703	252	5584	0.098	ng	#	86
38) Benzo(k)fluoranthene	22.747	252	5682	0.097	ng	#	87
39) Benzo(a)pyrene	23.258	252	4355	0.090	ng	#	80
40) Dibenzo(a,h)anthracene	25.545	278	4302	0.087	ng	#	85
41) Benzo(g,h,i)perylene	26.179	276	5061	0.092	ng		92

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

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