Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033350.D
Acq On : 12 Aug 2024 14:11
Operator : MA/JU
Sample : P3390-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 15:02:21 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

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.580	152	4236	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	11854	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	7019	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	17370	0.400	ng		0.00
29) Chrysene-d12	21.166	240	14213	0.400	ng		0.00
35) Perylene-d12	23.349	264	14613	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	3485	0.298	ng		0.00
5) Phenol-d6	6.749	99	5112	0.323	ng		0.00
8) Nitrobenzene-d5	8.704	82	3253	0.364	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	10071	0.552	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	1011	0.281	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	10280	0.357	ng		0.00
27) Fluoranthene-d10	18.997	212	26264	0.566	ng		0.00
31) Terphenyl-d14	19.615	244	9950	0.371	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1050m	0.223	ng		
3) n-Nitrosodimethylamine	3.485	42	1360	0.224	ng		93
6) bis(2-Chloroethyl)ether	7.009	93	2871	0.224	ng		97
9) Naphthalene	10.391	128	7230	0.221	ng		99
10) Hexachlorobutadiene	10.690	225	1363	0.219	ng	#	98
12) 2-Methylnaphthalene	12.011	142	4807	0.218	ng		98
16) Acenaphthylene	13.924	152	7095	0.217	ng		100
17) Acenaphthene	14.276	154	4799	0.213	ng		98
18) Fluorene	15.260	166	6357	0.214	ng		99
20) 4,6-Dinitro-2-methylph...	15.335	198	360	0.171	ng	#	23
21) 4-Bromophenyl-phenylether	16.164	248	2110	0.203	ng		92
22) Hexachlorobenzene	16.275	284	2514	0.216	ng		97
23) Atrazine	16.437	200	1515	0.184	ng	#	88
24) Pentachlorophenol	16.611	266	857	0.182	ng		99
25) Phenanthrene	16.995	178	11033	0.220	ng		99
26) Anthracene	17.095	178	9451	0.213	ng		99
28) Fluoranthene	19.030	202	12672	0.205	ng		99
30) Pyrene	19.392	202	12485	0.221	ng		100
32) Benzo(a)anthracene	21.148	228	10644	0.200	ng		99
33) Chrysene	21.201	228	12029	0.225	ng		100
34) Bis(2-ethylhexyl)phtha...	21.130	149	4586	0.190	ng		99
36) Indeno(1,2,3-cd)pyrene	25.521	276	10530	0.174	ng		97
37) Benzo(b)fluoranthene	22.703	252	11144	0.203	ng		95
38) Benzo(k)fluoranthene	22.744	252	12111m	0.216	ng		
39) Benzo(a)pyrene	23.253	252	8592	0.185	ng	#	92
40) Dibenzo(a,h)anthracene	25.542	278	8361	0.175	ng		94
41) Benzo(g,h,i)perylene	26.176	276	9395	0.178	ng		96

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

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