Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033349.D
Acq On : 12 Aug 2024 13:34
Operator : MA/JU
Sample : P3390-02
Misc : LOQ-SOIL-0.1ng
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 12 14:11:58 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

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	4341	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	11777	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	6946	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	17272	0.400	ng		0.00
29) Chrysene-d12	21.166	240	13700	0.400	ng		0.00
35) Perylene-d12	23.352	264	13748	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	3345	0.279	ng		0.00
5) Phenol-d6	6.749	99	4757	0.294	ng		0.00
8) Nitrobenzene-d5	8.704	82	3114	0.351	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	9481	0.523	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	922	0.259	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	9956	0.350	ng		0.00
27) Fluoranthene-d10	18.997	212	24677	0.534	ng		0.00
31) Terphenyl-d14	19.620	244	9754	0.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	598m	0.124	ng		
3) n-Nitrosodimethylamine	3.492	42	718	0.116	ng		90
6) bis(2-Chloroethyl)ether	7.009	93	1426	0.109	ng		96
9) Naphthalene	10.391	128	3501	0.108	ng	#	95
10) Hexachlorobutadiene	10.690	225	674	0.109	ng	#	100
12) 2-Methylnaphthalene	12.011	142	2275	0.104	ng		94
16) Acenaphthylene	13.924	152	3280	0.101	ng		99
17) Acenaphthene	14.276	154	2205	0.099	ng		96
18) Fluorene	15.260	166	2964	0.101	ng		98
20) 4,6-Dinitro-2-methylph...	15.345	198	155	0.074	ng	#	1
21) 4-Bromophenyl-phenylether	16.164	248	1011	0.098	ng		93
22) Hexachlorobenzene	16.275	284	1191	0.103	ng		98
23) Atrazine	16.437	200	717	0.087	ng	#	90
24) Pentachlorophenol	16.611	266	206	0.044	ng		96
25) Phenanthrene	16.995	178	5255	0.105	ng		99
26) Anthracene	17.095	178	4403	0.100	ng		99
28) Fluoranthene	19.030	202	6007	0.098	ng		98
30) Pyrene	19.392	202	5962	0.109	ng		100
32) Benzo(a)anthracene	21.157	228	5026	0.098	ng		98
33) Chrysene	21.201	228	5438	0.106	ng		98
34) Bis(2-ethylhexyl)phtha...	21.130	149	2428	0.104	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.518	276	4696	0.083	ng		98
37) Benzo(b)fluoranthene	22.703	252	5070	0.098	ng	#	86
38) Benzo(k)fluoranthene	22.747	252	5101	0.097	ng	#	86
39) Benzo(a)pyrene	23.255	252	3894	0.089	ng	#	80
40) Dibenzo(a,h)anthracene	25.548	278	3614	0.081	ng	#	83
41) Benzo(g,h,i)perylene	26.173	276	4242	0.085	ng	#	90

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

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