Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034876.D
Acq On : 06 Nov 2024 16:50
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-0.2 ng
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 17:17:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	5380	0.400	ng		-0.01
7) Naphthalene-d8	10.340	136	15501	0.400	ng		-0.01
13) Acenaphthene-d10	14.208	164	7152	0.400	ng		-0.01
19) Phenanthrene-d10	16.952	188	13496	0.400	ng		#-0.02
29) Chrysene-d12	21.149	240	8222	0.400	ng		#-0.01
35) Perylene-d12	23.315	264	7354	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	5104	0.313	ng		-0.01
5) Phenol-d6	6.759	99	6708	0.317	ng		0.00
8) Nitrobenzene-d5	8.717	82	4531	0.372	ng		-0.01
11) 2-Methylnaphthalene-d10	11.939	152	11700	0.521	ng		-0.01
14) 2,4,6-Tribromophenol	15.698	330	540	0.153	ng		-0.02
15) 2-Fluorobiphenyl	12.829	172	10578	0.376	ng		-0.01
27) Fluoranthene-d10	18.990	212	17918	0.566	ng		-0.01
31) Terphenyl-d14	19.603	244	5890	0.334	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.191	88	1427m	0.242	ng		
3) n-Nitrosodimethylamine	3.487	42	1872m	0.282	ng		
6) bis(2-Chloroethyl)ether	7.012	93	3929	0.254	ng		95
9) Naphthalene	10.394	128	9382	0.219	ng		100
10) Hexachlorobutadiene	10.693	225	1441	0.204	ng	#	99
12) 2-Methylnaphthalene	12.014	142	5518	0.197	ng		98
16) Acenaphthylene	13.919	152	7125	0.199	ng		100
17) Acenaphthene	14.272	154	4828	0.202	ng		95
18) Fluorene	15.266	166	5796	0.195	ng		98
20) 4,6-Dinitro-2-methylph...	15.341	198	153m	0.239	ng		
21) 4-Bromophenyl-phenylether	16.157	248	1532	0.196	ng	#	88
22) Hexachlorobenzene	16.269	284	1860	0.213	ng		92
23) Atrazine	16.431	200	1079	0.160	ng	#	93
24) Pentachlorophenol	16.604	266	582	0.155	ng		97
25) Phenanthrene	16.989	178	9041	0.228	ng		99
26) Anthracene	17.088	178	7912	0.213	ng		100
28) Fluoranthene	19.022	202	8952	0.205	ng		98
30) Pyrene	19.385	202	8917	0.207	ng		100
32) Benzo(a)anthracene	21.131	228	6850	0.209	ng		99
33) Chrysene	21.185	228	7466	0.233	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	3904m	0.143	ng		
36) Indeno(1,2,3-cd)pyrene	25.473	276	7117	0.263	ng		93
37) Benzo(b)fluoranthene	22.672	252	7075	0.239	ng	#	86
38) Benzo(k)fluoranthene	22.713	252	7007	0.243	ng	#	87
39) Benzo(a)pyrene	23.222	252	5277	0.216	ng	#	76
40) Dibenzo(a,h)anthracene	25.488	278	5442	0.258	ng		94
41) Benzo(g,h,i)perylene	26.125	276	6234	0.273	ng	#	91

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

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