Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110724\
Data File : BN034894.D
Acq On : 07 Nov 2024 15:41
Operator : RC/JU
Sample : P4368-02
Misc : LOQ-SOIL-0.2 ng
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 07 16:05:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 15:02:36 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
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	5405	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	15883	0.400	ng	0.00
13) Acenaphthene-d10	14.211	164	7600	0.400	ng	0.00
19) Phenanthrene-d10	16.957	188	15509	0.400	ng	0.00
29) Chrysene-d12	21.142	240	9605	0.400	ng	# 0.00
35) Perylene-d12	23.314	264	7636	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	4701	0.312	ng	0.00
5) Phenol-d6	6.751	99	6349	0.317	ng	0.00
8) Nitrobenzene-d5	8.706	82	4387	0.354	ng	0.00
11) 2-Methylnaphthalene-d10	11.935	152	12188	0.563	ng	0.00
14) 2,4,6-Tribromophenol	15.703	330	597	0.307	ng	0.00
15) 2-Fluorobiphenyl	12.832	172	11204	0.349	ng	0.00
27) Fluoranthene-d10	18.987	212	21193	0.606	ng	0.00
31) Terphenyl-d14	19.600	244	6855	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	1438m	0.211	ng	
3) n-Nitrosodimethylamine	3.487	42	1867	0.203	ng	# 96
6) bis(2-Chloroethyl)ether	7.011	93	3786	0.219	ng	99
9) Naphthalene	10.383	128	9572	0.217	ng	99
10) Hexachlorobutadiene	10.682	225	1471	0.209	ng	# 98
12) 2-Methylnaphthalene	12.010	142	5782	0.214	ng	99
16) Acenaphthylene	13.923	152	7672	0.209	ng	99
17) Acenaphthene	14.265	154	5173	0.204	ng	99
18) Fluorene	15.259	166	6485	0.205	ng	100
20) 4,6-Dinitro-2-methylph...	15.344	198	224	0.183	ng	80
21) 4-Bromophenyl-phenylether	16.163	248	1716	0.208	ng	97
22) Hexachlorobenzene	16.262	284	2106	0.212	ng	100
23) Atrazine	16.436	200	1209	0.202	ng	99
24) Pentachlorophenol	16.609	266	349	0.177	ng	95
25) Phenanthrene	16.994	178	10397	0.219	ng	100
26) Anthracene	17.081	178	9066	0.221	ng	100
28) Fluoranthene	19.020	202	10711	0.214	ng	99
30) Pyrene	19.382	202	10410	0.214	ng	100
32) Benzo(a)anthracene	21.133	228	8219	0.220	ng	99
33) Chrysene	21.178	228	9023	0.228	ng	97
34) Bis(2-ethylhexyl)phtha...	21.088	149	4095	0.191	ng	99
36) Indeno(1,2,3-cd)pyrene	25.472	276	6668	0.196	ng	99
37) Benzo(b)fluoranthene	22.668	252	8004	0.239	ng	94
38) Benzo(k)fluoranthene	22.712	252	7598	0.218	ng	95
39) Benzo(a)pyrene	23.221	252	5669	0.213	ng	91
40) Dibenzo(a,h)anthracene	25.487	278	5218	0.198	ng	97
41) Benzo(g,h,i)perylene	26.124	276	5910	0.212	ng	99

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

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