Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034872.D
Acq On : 06 Nov 2024 13:07
Operator : RC/JU
Sample : P4368-01
Misc : LOD-MDL-SOIL-0.2 ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

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

Quant Time: Nov 06 13:39:43 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	6211	0.400	ng		-0.01
7) Naphthalene-d8	10.340	136	19111	0.400	ng		-0.01
13) Acenaphthene-d10	14.208	164	9731	0.400	ng		-0.01
19) Phenanthrene-d10	16.952	188	19187	0.400	ng		#-0.02
29) Chrysene-d12	21.149	240	12425	0.400	ng		#-0.01
35) Perylene-d12	23.321	264	10137	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	5861	0.312	ng		-0.01
5) Phenol-d6	6.759	99	7985	0.327	ng		0.00
8) Nitrobenzene-d5	8.707	82	5619	0.374	ng		-0.02
11) 2-Methylnaphthalene-d10	11.939	152	15164	0.548	ng		-0.01
14) 2,4,6-Tribromophenol	15.698	330	855	0.178	ng		-0.02
15) 2-Fluorobiphenyl	12.828	172	13804	0.360	ng		-0.01
27) Fluoranthene-d10	18.990	212	26536	0.590	ng		-0.01
31) Terphenyl-d14	19.603	244	8870	0.332	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.191	88	1565m	0.230	ng		
3) n-Nitrosodimethylamine	3.487	42	1898m	0.247	ng		
6) bis(2-Chloroethyl)ether	7.011	93	4520	0.253	ng		95
9) Naphthalene	10.394	128	11462	0.217	ng		100
10) Hexachlorobutadiene	10.692	225	1771	0.203	ng	#	100
12) 2-Methylnaphthalene	12.014	142	7141	0.207	ng		99
16) Acenaphthylene	13.930	152	9589	0.196	ng		100
17) Acenaphthene	14.272	154	6498	0.200	ng		95
18) Fluorene	15.266	166	8060	0.199	ng		99
20) 4,6-Dinitro-2-methylph...	15.341	198	269	0.253	ng	#	8
21) 4-Bromophenyl-phenylether	16.157	248	2160	0.195	ng	#	84
22) Hexachlorobenzene	16.269	284	2568	0.207	ng		93
23) Atrazine	16.443	200	1661	0.174	ng		93
24) Pentachlorophenol	16.617	266	407	0.076	ng		95
25) Phenanthrene	16.989	178	12789	0.227	ng		100
26) Anthracene	17.088	178	11270	0.213	ng		100
28) Fluoranthene	19.022	202	13233	0.213	ng		98
30) Pyrene	19.384	202	13175	0.203	ng		100
32) Benzo(a)anthracene	21.131	228	10239	0.207	ng		99
33) Chrysene	21.185	228	11085	0.229	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	6110m	0.148	ng		
36) Indeno(1,2,3-cd)pyrene	25.476	276	8567	0.230	ng		94
37) Benzo(b)fluoranthene	22.675	252	9905	0.243	ng	#	91
38) Benzo(k)fluoranthene	22.716	252	9553	0.240	ng	#	92
39) Benzo(a)pyrene	23.225	252	7369	0.219	ng	#	85
40) Dibenzo(a,h)anthracene	25.493	278	6672	0.229	ng		96
41) Benzo(g,h,i)perylene	26.131	276	7338	0.233	ng		94

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

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