Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034871.D
Acq On : 06 Nov 2024 12:30
Operator : RC/JU
Sample : P4368-01
Misc : LOD-MDL-SOIL-0.1 ng
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Nov 06 13:10:41 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	6262	0.400	ng		-0.01
7) Naphthalene-d8	10.340	136	19178	0.400	ng		-0.01
13) Acenaphthene-d10	14.208	164	9775	0.400	ng		-0.01
19) Phenanthrene-d10	16.952	188	19406	0.400	ng		#-0.02
29) Chrysene-d12	21.149	240	12823	0.400	ng		#-0.01
35) Perylene-d12	23.318	264	11237	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	6733	0.355	ng		-0.01
5) Phenol-d6	6.759	99	9267	0.376	ng		0.00
8) Nitrobenzene-d5	8.717	82	6547	0.434	ng		-0.01
11) 2-Methylnaphthalene-d10	11.939	152	17865	0.644	ng		-0.01
14) 2,4,6-Tribromophenol	15.698	330	1174	0.243	ng		-0.02
15) 2-Fluorobiphenyl	12.829	172	16284	0.423	ng		-0.01
27) Fluoranthene-d10	18.990	212	31661	0.696	ng		-0.01
31) Terphenyl-d14	19.603	244	11558	0.420	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.191	88	1147	0.167	ng		96
3) n-Nitrosodimethylamine	3.487	42	1213	0.157	ng	#	89
6) bis(2-Chloroethyl)ether	7.012	93	2541	0.141	ng		96
9) Naphthalene	10.394	128	6553	0.124	ng		99
10) Hexachlorobutadiene	10.693	225	1000	0.114	ng	#	100
12) 2-Methylnaphthalene	12.011	142	4177	0.120	ng		97
16) Acenaphthylene	13.930	152	5577	0.114	ng		99
17) Acenaphthene	14.272	154	3792	0.116	ng		97
18) Fluorene	15.266	166	4784	0.117	ng		99
20) 4,6-Dinitro-2-methylph...	15.341	198	189	0.231	ng	#	1
21) 4-Bromophenyl-phenylether	16.157	248	1353	0.120	ng	#	83
22) Hexachlorobenzene	16.269	284	1585	0.126	ng		94
23) Atrazine	16.443	200	1102	0.114	ng		93
24) Pentachlorophenol	16.617	266	247	0.046	ng		94
25) Phenanthrene	17.001	178	8022	0.141	ng		99
26) Anthracene	17.088	178	7008	0.131	ng		100
28) Fluoranthene	19.022	202	8747	0.139	ng		97
30) Pyrene	19.384	202	8543	0.127	ng		100
32) Benzo(a)anthracene	21.131	228	6798	0.133	ng		99
33) Chrysene	21.185	228	7379	0.148	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	3844	0.090	ng		94
36) Indeno(1,2,3-cd)pyrene	25.476	276	6207	0.150	ng		95
37) Benzo(b)fluoranthene	22.672	252	6845	0.151	ng	#	85
38) Benzo(k)fluoranthene	22.716	252	6618	0.150	ng	#	84
39) Benzo(a)pyrene	23.225	252	5277	0.141	ng	#	77
40) Dibenzo(a,h)anthracene	25.491	278	4690	0.145	ng		93
41) Benzo(g,h,i)perylene	26.134	276	5299	0.152	ng		92

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

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