Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110824\
Data File : BN034901.D
Acq On : 08 Nov 2024 10:17
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL-0.2 ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

Quant Time: Nov 08 10:43:18 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	4985	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	14730	0.400	ng		0.00
13) Acenaphthene-d10	14.208	164	6925	0.400	ng		0.00
19) Phenanthrene-d10	16.952	188	14040	0.400	ng	#	0.00
29) Chrysene-d12	21.149	240	8598	0.400	ng		0.00
35) Perylene-d12	23.315	264	7109	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	4373	0.315	ng		0.00
5) Phenol-d6	6.752	99	5912	0.321	ng		0.00
8) Nitrobenzene-d5	8.707	82	4006	0.349	ng		0.00
11) 2-Methylnaphthalene-d10	11.935	152	11192	0.557	ng		0.00
14) 2,4,6-Tribromophenol	15.698	330	565	0.318	ng		0.00
15) 2-Fluorobiphenyl	12.828	172	10380	0.355	ng		0.00
27) Fluoranthene-d10	18.990	212	18891	0.597	ng		0.00
31) Terphenyl-d14	19.598	244	6089	0.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.184	88	1483	0.235	ng		97
3) n-Nitrosodimethylamine	3.487	42	1766	0.208	ng	#	98
6) bis(2-Chloroethyl)ether	7.012	93	3524	0.221	ng		99
9) Naphthalene	10.383	128	8901	0.218	ng		99
10) Hexachlorobutadiene	10.682	225	1364	0.209	ng	#	99
12) 2-Methylnaphthalene	12.010	142	5383	0.215	ng		97
16) Acenaphthylene	13.919	152	7116	0.213	ng		100
17) Acenaphthene	14.272	154	4725	0.204	ng		99
18) Fluorene	15.255	166	6030	0.210	ng		100
20) 4,6-Dinitro-2-methylph...	15.341	198	205	0.185	ng		84
21) 4-Bromophenyl-phenylether	16.157	248	1540	0.206	ng	#	89
22) Hexachlorobenzene	16.269	284	1953	0.217	ng		97
23) Atrazine	16.430	200	1084	0.200	ng	#	94
24) Pentachlorophenol	16.604	266	326	0.181	ng		93
25) Phenanthrene	16.989	178	9596	0.223	ng		100
26) Anthracene	17.088	178	8239	0.222	ng		100
28) Fluoranthene	19.017	202	9659	0.213	ng		99
30) Pyrene	19.380	202	9477	0.218	ng		100
32) Benzo(a)anthracene	21.131	228	7284	0.217	ng		100
33) Chrysene	21.185	228	8089	0.228	ng		98
34) Bis(2-ethylhexyl)phtha...	21.086	149	3853	0.200	ng		98
36) Indeno(1,2,3-cd)pyrene	25.473	276	6315	0.199	ng		100
37) Benzo(b)fluoranthene	22.669	252	7181	0.230	ng		92
38) Benzo(k)fluoranthene	22.713	252	7158	0.220	ng		93
39) Benzo(a)pyrene	23.219	252	5121	0.206	ng	#	89
40) Dibenzo(a,h)anthracene	25.490	278	4828	0.197	ng		97
41) Benzo(g,h,i)perylene	26.125	276	5348	0.206	ng		97

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

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