Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110824\
Data File : BN034900.D
Acq On : 08 Nov 2024 09:41
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL-0.1 ng
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Nov 08 10:06:24 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	7662	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	23245	0.400	ng	0.00
13) Acenaphthene-d10	14.208	164	11060	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	22355	0.400	ng	# 0.00
29) Chrysene-d12	21.149	240	13873	0.400	ng	0.00
35) Perylene-d12	23.315	264	11983	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	4904	0.230	ng	0.00
5) Phenol-d6	6.752	99	6676	0.235	ng	0.00
8) Nitrobenzene-d5	8.707	82	4651	0.257	ng	0.00
11) 2-Methylnaphthalene-d10	11.935	152	13043	0.412	ng	0.00
14) 2,4,6-Tribromophenol	15.698	330	678	0.246	ng	0.00
15) 2-Fluorobiphenyl	12.829	172	12216	0.261	ng	0.00
27) Fluoranthene-d10	18.990	212	22157	0.440	ng	0.00
31) Terphenyl-d14	19.598	244	7751	0.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	869	0.090	ng	# 95
3) n-Nitrosodimethylamine	3.487	42	1001	0.077	ng	# 97
6) bis(2-Chloroethyl)ether	7.012	93	1934	0.079	ng	98
9) Naphthalene	10.383	128	5029	0.078	ng	97
10) Hexachlorobutadiene	10.682	225	795	0.077	ng	# 98
12) 2-Methylnaphthalene	12.011	142	3061	0.078	ng	99
16) Acenaphthylene	13.919	152	4051	0.076	ng	99
17) Acenaphthene	14.272	154	2724	0.074	ng	98
18) Fluorene	15.255	166	3458	0.075	ng	100
20) 4,6-Dinitro-2-methylph...	15.341	198	125	0.088	ng	# 52
21) 4-Bromophenyl-phenylether	16.157	248	915	0.077	ng	# 87
22) Hexachlorobenzene	16.269	284	1209	0.084	ng	96
23) Atrazine	16.430	200	963	0.112	ng	# 93
24) Pentachlorophenol	16.604	266	216	0.105	ng	87
25) Phenanthrene	16.989	178	6021	0.088	ng	99
26) Anthracene	17.088	178	4997	0.085	ng	100
28) Fluoranthene	19.017	202	6283	0.087	ng	99
30) Pyrene	19.380	202	6085	0.087	ng	100
32) Benzo(a)anthracene	21.131	228	4664	0.086	ng	99
33) Chrysene	21.185	228	5254	0.092	ng	99
34) Bis(2-ethylhexyl)phtha...	21.086	149	2586	0.083	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.470	276	4376	0.082	ng	99
37) Benzo(b)fluoranthene	22.669	252	4606	0.087	ng	# 82
38) Benzo(k)fluoranthene	22.713	252	4878	0.089	ng	# 80
39) Benzo(a)pyrene	23.222	252	3422	0.082	ng	# 74
40) Dibenzo(a,h)anthracene	25.490	278	3314	0.080	ng	# 91
41) Benzo(g,h,i)perylene	26.125	276	3656	0.083	ng	93

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

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