Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023105.D
Acq On : 09 Dec 2022 13:46
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 0.1ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Quant Time: Dec 10 03:23:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 10 03:22:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	6485	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	19094	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	10066	0.400	ng		0.00
19) Phenanthrene-d10	17.414	188	22387	0.400	ng		0.00
29) Chrysene-d12	21.593	240	18289	0.400	ng	#	0.00
35) Perylene-d12	24.057	264	15781	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	3545	0.294	ng		0.00
5) Phenol-d6	7.168	99	4301	0.280	ng		0.00
8) Nitrobenzene-d5	9.185	82	3505	0.279	ng		0.00
11) 2-Methylnaphthalene-d10	12.423	152	11789	0.364	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	921	0.252	ng		0.00
15) 2-Fluorobiphenyl	13.298	172	12108	0.301	ng		0.00
27) Fluoranthene-d10	19.439	212	24927	0.476	ng		0.00
31) Terphenyl-d14	20.035	244	9133	0.308	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	709	0.111	ng		96
3) n-Nitrosodimethylamine	3.752	42	507	0.081	ng		96
6) bis(2-Chloroethyl)ether	7.435	93	2057	0.118	ng		97
9) Naphthalene	10.893	128	5208	0.107	ng		96
10) Hexachlorobutadiene	11.181	225	1027	0.111	ng	#	100
12) 2-Methylnaphthalene	12.117	142	725	0.100	ng	#	69
16) Acenaphthylene	14.388	152	4004	0.099	ng		100
17) Acenaphthene	14.730	154	2965	0.100	ng		95
18) Fluorene	15.703	166	3291	0.099	ng		100
20) 4,6-Dinitro-2-methylph...	15.776	198	196	0.061	ng	#	18
21) 4-Bromophenyl-phenylether	16.595	248	1215	0.102	ng		98
22) Hexachlorobenzene	16.719	284	1677	0.107	ng		97
23) Atrazine	16.868	200	795	0.094	ng	#	93
24) Pentachlorophenol	17.054	266	411	0.076	ng		98
25) Phenanthrene	17.451	178	6659	0.100	ng		98
26) Anthracene	17.538	178	5206	0.098	ng		99
28) Fluoranthene	19.469	202	7112	0.100	ng		98
30) Pyrene	19.831	202	6839	0.102	ng		100
32) Benzo(a)anthracene	21.575	228	5544	0.094	ng		98
33) Chrysene	21.629	228	7012	0.106	ng		99
34) Bis(2-ethylhexyl)phtha...	21.495	149	2873	0.115	ng		97
36) Indeno(1,2,3-cd)pyrene	26.627	276	7284	0.103	ng		98
37) Benzo(b)fluoranthene	23.300	252	6795	0.104	ng	#	77
38) Benzo(k)fluoranthene	23.350	252	6020	0.091	ng	#	82
39) Benzo(a)pyrene	23.943	252	5918	0.121	ng	#	65
40) Dibenzo(a,h)anthracene	26.648	278	5754	0.101	ng	#	89
41) Benzo(g,h,i)perylene	27.414	276	6087	0.100	ng		95

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

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