Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023664.D
Acq On : 16 Jan 2023 14:23
Operator : CG/JU
Sample : N3214-01
Misc : LOD-MDL-SOIL 0.2ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jan 17 04:33:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 04:31:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	4302	0.400	ng		0.00
7) Naphthalene-d8	10.754	136	12722	0.400	ng	#	0.00
13) Acenaphthene-d10	14.591	164	6872	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	14995	0.400	ng		0.00
29) Chrysene-d12	21.535	240	11666	0.400	ng		0.00
35) Perylene-d12	23.963	264	8675	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	2394	0.280	ng		0.00
5) Phenol-d6	7.103	99	3026	0.275	ng		0.00
8) Nitrobenzene-d5	9.110	82	2337	0.244	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	7224	0.411	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	733	0.246	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	7301	0.263	ng		0.00
27) Fluoranthene-d10	19.376	212	14901	0.406	ng		0.00
31) Terphenyl-d14	19.974	244	8548	0.289	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	727	0.188	ng		96
3) n-Nitrosodimethylamine	3.680	42	693	0.160	ng	#	96
6) bis(2-Chloroethyl)ether	7.370	93	2378	0.205	ng		99
9) Naphthalene	10.808	128	6360	0.189	ng		99
10) Hexachlorobutadiene	11.096	225	1344	0.197	ng	#	97
12) 2-Methylnaphthalene	12.423	142	4865	0.202	ng		99
16) Acenaphthylene	14.313	152	4821	0.174	ng		100
17) Acenaphthene	14.655	154	3678	0.181	ng		98
18) Fluorene	15.639	166	4941	0.181	ng		100
20) 4,6-Dinitro-2-methylph...	15.726	198	228	0.140	ng	#	44
21) 4-Bromophenyl-phenylether	16.533	248	1538	0.180	ng		99
22) Hexachlorobenzene	16.645	284	2092	0.196	ng		99
23) Atrazine	16.806	200	997	0.169	ng		95
24) Pentachlorophenol	16.992	266	594	0.161	ng		96
25) Phenanthrene	17.390	178	7904	0.180	ng		100
26) Anthracene	17.476	178	6084	0.173	ng		99
28) Fluoranthene	19.405	202	8469	0.171	ng		100
30) Pyrene	19.772	202	8384	0.188	ng		100
32) Benzo(a)anthracene	21.518	228	6496	0.172	ng		99
33) Chrysene	21.571	228	7881	0.190	ng		99
34) Bis(2-ethylhexyl)phtha...	21.437	149	3392	0.193	ng		99
36) Indeno(1,2,3-cd)pyrene	26.492	276	6575	0.169	ng		100
37) Benzo(b)fluoranthene	23.220	252	7212	0.194	ng	#	91
38) Benzo(k)fluoranthene	23.270	252	6618	0.183	ng	#	90
39) Benzo(a)pyrene	23.851	252	5681	0.203	ng	#	90
40) Dibenzo(a,h)anthracene	26.515	278	5244	0.168	ng	#	90
41) Benzo(g,h,i)perylene	27.269	276	6000	0.189	ng		96

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

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