Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011623\
Data File : BN023665.D
Acq On : 16 Jan 2023 15:05
Operator : CG/JU
Sample : N3214-02
Misc : LOQ-SOIL 0.1ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Quant Time: Jan 17 04:34:04 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	4648	0.400	ng		0.00
7) Naphthalene-d8	10.754	136	13623	0.400	ng		# 0.00
13) Acenaphthene-d10	14.591	164	7321	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	15192	0.400	ng		0.00
29) Chrysene-d12	21.540	240	10898	0.400	ng		0.00
35) Perylene-d12	23.967	264	7930	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	2682	0.291	ng		0.00
5) Phenol-d6	7.103	99	3423	0.288	ng		0.00
8) Nitrobenzene-d5	9.110	82	2889	0.282	ng		0.00
11) 2-Methylnaphthalene-d10	12.348	152	8382	0.446	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	758	0.239	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	8853	0.299	ng		0.00
27) Fluoranthene-d10	19.380	212	16047	0.431	ng		0.00
31) Terphenyl-d14	19.974	244	9279	0.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	471	0.113	ng		97
3) n-Nitrosodimethylamine	3.687	42	415	0.089	ng	#	99
6) bis(2-Chloroethyl)ether	7.363	93	1455	0.116	ng		100
9) Naphthalene	10.808	128	3798	0.105	ng		96
10) Hexachlorobutadiene	11.096	225	808	0.111	ng	#	99
12) 2-Methylnaphthalene	12.423	142	2520	0.098	ng		98
16) Acenaphthylene	14.313	152	2795	0.095	ng		98
17) Acenaphthene	14.655	154	2158	0.100	ng		98
18) Fluorene	15.650	166	2875	0.099	ng		98
20) 4,6-Dinitro-2-methylph...	15.726	198	141	0.085	ng	#	2
21) 4-Bromophenyl-phenylether	16.533	248	885	0.102	ng		95
22) Hexachlorobenzene	16.645	284	1198	0.111	ng		99
23) Atrazine	16.806	200	584	0.098	ng	#	92
24) Pentachlorophenol	17.005	266	337	0.090	ng		96
25) Phenanthrene	17.389	178	4516	0.101	ng		100
26) Anthracene	17.476	178	3377	0.095	ng		99
28) Fluoranthene	19.410	202	4732	0.094	ng		98
30) Pyrene	19.772	202	4649	0.111	ng		99
32) Benzo(a)anthracene	21.522	228	3518	0.100	ng		98
33) Chrysene	21.575	228	4250	0.110	ng		98
34) Bis(2-ethylhexyl)phtha...	21.441	149	1976	0.120	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.496	276	3557	0.100	ng		98
37) Benzo(b)fluoranthene	23.221	252	3963	0.117	ng	#	74
38) Benzo(k)fluoranthene	23.271	252	3421	0.104	ng	#	73
39) Benzo(a)pyrene	23.859	252	3087	0.121	ng	#	62
40) Dibenzo(a,h)anthracene	26.513	278	2841	0.100	ng	#	77
41) Benzo(g,h,i)perylene	27.279	276	3105	0.107	ng	#	89

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

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