Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025574.D
Acq On : 23 May 2023 15:48
Operator : CG/JU
Sample : 02213-01
Misc : LOD-MDL-SOIL-0.1ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

Quant Time: May 24 03:48:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	3524	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	10331	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6000	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	13324	0.400	ng		0.00
29) Chrysene-d12	21.611	240	9635	0.400	ng		0.00
35) Perylene-d12	24.119	264	10370	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	3312	0.365	ng		0.00
5) Phenol-d6	7.211	99	4338	0.380	ng		0.00
8) Nitrobenzene-d5	9.223	82	3341	0.351	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7432	0.490	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	857	0.342	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	9636	0.370	ng		0.00
27) Fluoranthene-d10	19.456	212	15163	0.480	ng		0.00
31) Terphenyl-d14	20.044	244	8037	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	448	0.110	ng		97
3) n-Nitrosodimethylamine	3.809	42	336m	0.069	ng		
6) bis(2-Chloroethyl)ether	7.478	93	1199	0.114	ng		97
9) Naphthalene	10.931	128	3145	0.110	ng		95
10) Hexachlorobutadiene	11.220	225	557	0.111	ng	#	99
12) 2-Methylnaphthalene	12.536	142	2161	0.107	ng		98
16) Acenaphthylene	14.416	152	3128	0.106	ng		99
17) Acenaphthene	14.758	154	2088	0.103	ng		92
18) Fluorene	15.735	166	2655	0.105	ng		97
20) 4,6-Dinitro-2-methylph...	15.809	198	245	0.069	ng	#	13
21) 4-Bromophenyl-phenylether	16.628	248	870	0.110	ng		97
22) Hexachlorobenzene	16.740	284	833	0.118	ng		96
23) Atrazine	16.889	200	775	0.111	ng		91
24) Pentachlorophenol	17.087	266	229	0.058	ng	#	83
25) Phenanthrene	17.472	178	4672	0.109	ng		99
26) Anthracene	17.572	178	4159	0.107	ng		99
28) Fluoranthene	19.486	202	5055	0.107	ng		99
30) Pyrene	19.848	202	5102	0.117	ng		99
32) Benzo(a)anthracene	21.593	228	4321	0.113	ng		97
33) Chrysene	21.647	228	4489	0.113	ng		98
34) Bis(2-ethylhexyl)phtha...	21.513	149	2902	0.122	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.730	276	5477	0.116	ng		95
37) Benzo(b)fluoranthene	23.347	252	5026	0.120	ng	#	67
38) Benzo(k)fluoranthene	23.397	252	4575	0.108	ng	#	85
39) Benzo(a)pyrene	24.005	252	4259	0.111	ng	#	40
40) Dibenzo(a,h)anthracene	26.753	278	4292	0.112	ng	#	85
41) Benzo(g,h,i)perylene	27.534	276	4367	0.108	ng		94

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

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