Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025600.D
Acq On : 26 May 2023 00:10
Operator : CG/JU
Sample : 02213-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 26 02:27:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 00:32:23 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	4530	0.400	ng		0.00
7) Naphthalene-d8	10.867	136	12420	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	7179	0.400	ng		0.00
19) Phenanthrene-d10	17.422	188	13938	0.400	ng		0.00
29) Chrysene-d12	21.602	240	8740	0.400	ng		0.00
35) Perylene-d12	24.107	264	8909	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.585	112	4115	0.347	ng		0.00
5) Phenol-d6	7.203	99	4256	0.329	ng		0.00
8) Nitrobenzene-d5	9.223	82	2724	0.292	ng		0.01
11) 2-Methylnaphthalene-d10	12.453	152	8201	0.482	ng		0.00
14) 2,4,6-Tribromophenol	16.231	330	13	0.336	ng		0.05
15) 2-Fluorobiphenyl	13.315	172	9699	0.324	ng		0.00
27) Fluoranthene-d10	19.443	212	14876	0.489	ng		0.00
31) Terphenyl-d14	20.035	244	6465	0.370	ng		0.00
Target Compounds						Qvalue	
2) 1,4-Dioxane	3.433	88	566	0.104	ng	#	89
3) n-Nitrosodimethylamine	3.830	42	306m	0.057	ng		
6) bis(2-Chloroethyl)ether	7.470	93	985	0.015	ng	#	70
9) Naphthalene	10.921	128	3512	0.104	ng	#	92
10) Hexachlorobutadiene	11.209	225	702	0.116	ng	#	100
12) 2-Methylnaphthalene	12.525	142	2204	0.098	ng		95
16) Acenaphthylene	14.405	152	3143	0.093	ng		99
17) Acenaphthene	14.737	154	2212	0.100	ng		98
18) Fluorene	15.722	166	2693	0.099	ng		99
20) 4,6-Dinitro-2-methylph...	15.834	198	2	0.317	ng	#	1
21) 4-Bromophenyl-phenylether	16.616	248	722	0.091	ng	#	82
22) Hexachlorobenzene	16.727	284	857	0.112	ng		98
23) Atrazine	16.889	200	557	0.099	ng	#	76
24) Pentachlorophenol	17.199	266	7	0.503	ng	#	51
25) Phenanthrene	17.460	178	4276	0.100	ng		99
26) Anthracene	17.559	178	3421	0.091	ng		99
28) Fluoranthene	19.477	202	4463	0.101	ng		99
30) Pyrene	19.840	202	4513	0.104	ng		99
32) Benzo(a)anthracene	21.584	228	3037	0.093	ng		96
33) Chrysene	21.638	228	3724	0.106	ng		96
34) Bis(2-ethylhexyl)phtha...	21.495	149	2129	0.100	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.741	276	3785	0.100	ng	#	65
37) Benzo(b)fluoranthene	23.341	252	3402	0.101	ng	#	59
38) Benzo(k)fluoranthene	23.388	252	3268	0.095	ng	#	52
39) Benzo(a)pyrene	23.993	252	2949	0.091	ng	#	32
40) Dibenzo(a,h)anthracene	26.773	278	2779	0.093	ng	#	50
41) Benzo(g,h,i)perylene	27.557	276	3526	0.105	ng	#	86

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

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