Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027662.D
Acq On : 14 Sep 2023 02:52
Operator : MA/JU
Sample : 04327-06MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BR-03-127-090623MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 14 05:44:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.030	152	5515	0.400	ng		0.00
7) Naphthalene-d8	10.842	136	15100	0.400	ng		-0.01
13) Acenaphthene-d10	14.651	164	6881	0.400	ng		-0.01
19) Phenanthrene-d10	17.406	188	13707	0.400	ng		# 0.00
29) Chrysene-d12	21.578	240	9806	0.400	ng		0.00
35) Perylene-d12	24.083	264	8731	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.567	112	2178	0.151	ng		0.00
5) Phenol-d6	7.178	99	1454	0.083	ng		0.00
8) Nitrobenzene-d5	9.219	82	4755	0.432	ng		-0.01
11) 2-Methylnaphthalene-d10	12.419	152	7540m	0.340	ng		-0.01
14) 2,4,6-Tribromophenol	16.152	330	926	0.364	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	12483	0.477	ng		-0.01
27) Fluoranthene-d10	19.425	212	14606	0.429	ng		0.00
31) Terphenyl-d14	20.011	244	12614	0.640	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.466	88	46462	6.901	ng		95
3) n-Nitrosodimethylamine	3.812	42	1099	0.154	ng		99
6) bis(2-Chloroethyl)ether	7.459	93	6267	0.371	ng		100
9) Naphthalene	10.895	128	15804	0.384	ng		100
10) Hexachlorobutadiene	11.120	225	2683	0.349	ng	#	99
12) 2-Methylnaphthalene	12.495	142	9243	0.316	ng		99
16) Acenaphthylene	14.384	152	11719	0.374	ng		99
17) Acenaphthene	14.715	154	8029	0.384	ng		99
18) Fluorene	15.693	166	10806	0.388	ng		99
20) 4,6-Dinitro-2-methylph...	16.859	198	88	0.451	ng		87
21) 4-Bromophenyl-phenylether	16.586	248	3281	0.454	ng	#	88
22) Hexachlorobenzene	16.673	284	3772	0.440	ng		93
23) Atrazine	16.859	200	2532	0.468	ng		98
24) Pentachlorophenol	17.033	266	2695	0.817	ng		99
25) Phenanthrene	17.443	178	18300	0.454	ng		100
26) Anthracene	17.542	178	15081	0.441	ng		99
28) Fluoranthene	19.458	202	20541	0.433	ng		99
30) Pyrene	19.820	202	20852	0.535	ng		100
32) Benzo(a)anthracene	21.560	228	17139	0.510	ng		99
33) Chrysene	21.614	228	17183	0.465	ng		98
34) Bis(2-ethylhexyl)phtha...	21.435	149	7202	0.444	ng		98
36) Indeno(1,2,3-cd)pyrene	26.712	276	14509	0.409	ng		100
37) Benzo(b)fluoranthene	23.303	252	16324	0.483	ng		97
38) Benzo(k)fluoranthene	23.355	252	14874	0.428	ng		95
39) Benzo(a)pyrene	23.966	252	12548	0.397	ng		93
40) Dibenzo(a,h)anthracene	26.732	278	11385	0.410	ng		99
41) Benzo(g,h,i)perylene	27.533	276	13092	0.406	ng		99

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

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