Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027661.D
Acq On : 14 Sep 2023 02:15
Operator : MA/JU
Sample : 04327-05MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

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

Quant Time: Sep 14 05:43:55 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	5883	0.400	ng		0.00
7) Naphthalene-d8	10.842	136	16165	0.400	ng		-0.01
13) Acenaphthene-d10	14.651	164	7368	0.400	ng		-0.01
19) Phenanthrene-d10	17.405	188	14555	0.400	ng		# 0.00
29) Chrysene-d12	21.578	240	10450	0.400	ng		0.00
35) Perylene-d12	24.083	264	9410	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.567	112	2188	0.143	ng		0.00
5) Phenol-d6	7.178	99	1458	0.078	ng		0.00
8) Nitrobenzene-d5	9.219	82	4694	0.398	ng		-0.01
11) 2-Methylnaphthalene-d10	12.423	152	7539m	0.318	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	929	0.341	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	12450	0.444	ng		-0.01
27) Fluoranthene-d10	19.425	212	14725	0.407	ng		0.00
31) Terphenyl-d14	20.011	244	12470	0.594	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.465	88	46025	6.408	ng		95
3) n-Nitrosodimethylamine	3.812	42	1068	0.140	ng	#	98
6) bis(2-Chloroethyl)ether	7.459	93	6192	0.343	ng		99
9) Naphthalene	10.895	128	15760	0.358	ng		100
10) Hexachlorobutadiene	11.120	225	2665	0.324	ng	#	99
12) 2-Methylnaphthalene	12.494	142	9173	0.293	ng		99
16) Acenaphthylene	14.384	152	11617	0.346	ng		100
17) Acenaphthene	14.715	154	7840	0.350	ng		99
18) Fluorene	15.693	166	10742	0.360	ng		99
20) 4,6-Dinitro-2-methylph...	16.859	198	87	0.420	ng		83
21) 4-Bromophenyl-phenylether	16.586	248	3297	0.430	ng	#	89
22) Hexachlorobenzene	16.673	284	3771	0.414	ng		94
23) Atrazine	16.859	200	2468	0.430	ng		96
24) Pentachlorophenol	17.033	266	2661	0.760	ng		99
25) Phenanthrene	17.443	178	18218	0.426	ng		100
26) Anthracene	17.542	178	14934	0.411	ng		99
28) Fluoranthene	19.458	202	20227	0.402	ng		99
30) Pyrene	19.820	202	20659	0.497	ng		100
32) Benzo(a)anthracene	21.560	228	16633	0.464	ng		99
33) Chrysene	21.614	228	17566	0.446	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	7229	0.418	ng		98
36) Indeno(1,2,3-cd)pyrene	26.712	276	14349	0.376	ng		100
37) Benzo(b)fluoranthene	23.303	252	15993	0.439	ng		97
38) Benzo(k)fluoranthene	23.352	252	15210m	0.406	ng		
39) Benzo(a)pyrene	23.963	252	12437	0.365	ng		93
40) Dibenzo(a,h)anthracene	26.741	278	11343	0.379	ng		98
41) Benzo(g,h,i)perylene	27.530	276	13030	0.375	ng		99

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

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