Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027143.D
Acq On : 26 Aug 2023 07:25
Operator : MA/JU
Sample : PB154921BSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB154921BSD

Quant Time: Aug 26 22:32:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.080	152	6069	0.400	ng		0.00
7) Naphthalene-d8	10.906	136	15867	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	10198	0.400	ng		0.00
19) Phenanthrene-d10	17.455	188	22603	0.400	ng		0.00
29) Chrysene-d12	21.632	240	18363	0.400	ng		0.00
35) Perylene-d12	24.165	264	18596	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.596	112	5917	0.346	ng		0.00
5) Phenol-d6	7.214	99	7189	0.340	ng		0.00
8) Nitrobenzene-d5	9.272	82	4642	0.346	ng		0.00
11) 2-Methylnaphthalene-d10	12.479	152	9864	0.391	ng		0.00
14) 2,4,6-Tribromophenol	16.201	330	1390	0.256	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	15397	0.407	ng		0.00
27) Fluoranthene-d10	19.476	212	22665	0.391	ng		0.00
31) Terphenyl-d14	20.062	244	15106	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.465	88	2876	0.441	ng		99
3) n-Nitrosodimethylamine	3.812	42	3191	0.439	ng	#	92
6) bis(2-Chloroethyl)ether	7.510	93	7449	0.419	ng		96
9) Naphthalene	10.959	128	17274	0.414	ng		100
10) Hexachlorobutadiene	11.194	225	3712	0.435	ng	#	98
12) 2-Methylnaphthalene	12.555	142	13001	0.398	ng		99
16) Acenaphthylene	14.437	152	19074	0.392	ng		100
17) Acenaphthene	14.769	154	12512	0.416	ng		98
18) Fluorene	15.742	166	16537	0.410	ng		99
20) 4,6-Dinitro-2-methylph...	16.897	198	152	0.429	ng	#	61
21) 4-Bromophenyl-phenylether	16.636	248	4892	0.379	ng	#	75
22) Hexachlorobenzene	16.723	284	6069	0.440	ng		98
23) Atrazine	16.909	200	3643	0.317	ng		98
24) Pentachlorophenol	17.083	266	1834	0.264	ng		99
25) Phenanthrene	17.492	178	26565	0.409	ng		99
26) Anthracene	17.592	178	22180	0.366	ng		100
28) Fluoranthene	19.504	202	30990	0.403	ng		99
30) Pyrene	19.871	202	31598	0.447	ng		100
32) Benzo(a)anthracene	21.614	228	25114	0.379	ng		99
33) Chrysene	21.668	228	28895	0.432	ng		99
34) Bis(2-ethylhexyl)phtha...	21.488	149	12491	0.262	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.843	276	28566	0.375	ng		98
37) Benzo(b)fluoranthene	23.376	252	28365	0.456	ng		96
38) Benzo(k)fluoranthene	23.425	252	27506	0.430	ng	#	96
39) Benzo(a)pyrene	24.051	252	26631	0.427	ng	#	93
40) Dibenzo(a,h)anthracene	26.867	278	22156	0.365	ng		97
41) Benzo(g,h,i)perylene	27.679	276	25763	0.395	ng		98

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

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