Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027759.D
Acq On : 20 Sep 2023 11:24
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 11 17:28:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:25:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	1948	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	6649	0.400	ng		0.00
13) Acenaphthene-d10	14.641	164	4386	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	11629	0.400	ng		0.00
29) Chrysene-d12	21.578	240	12045	0.400	ng		0.00
35) Perylene-d12	24.075	264	11078	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.538	112	4161	0.844	ng		0.00
5) Phenol-d6	7.156	99	5248	0.852	ng		0.00
8) Nitrobenzene-d5	9.209	82	4280	0.813	ng		0.00
11) 2-Methylnaphthalene-d10	12.411	152	8141	0.838	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	1484	0.796	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	12441	0.840	ng		0.00
27) Fluoranthene-d10	19.421	212	24687	0.817	ng		0.00
31) Terphenyl-d14	20.006	244	18374	0.791	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	1959	0.821	ng		94
3) n-Nitrosodimethylamine	3.776	42	2388	0.868	ng	#	94
6) bis(2-Chloroethyl)ether	7.445	93	5060	0.839	ng		99
9) Naphthalene	10.885	128	14777	0.802	ng		98
10) Hexachlorobutadiene	11.109	225	2617	0.817	ng	#	100
12) 2-Methylnaphthalene	12.483	142	10674	0.834	ng		98
16) Acenaphthylene	14.373	152	15007	0.800	ng		99
17) Acenaphthene	14.705	154	10752	0.809	ng		98
18) Fluorene	15.693	166	15852	0.822	ng		99
20) 4,6-Dinitro-2-methylph...	15.792	198	804	0.718	ng	#	55
21) 4-Bromophenyl-phenylether	16.574	248	4887	0.823	ng	#	79
22) Hexachlorobenzene	16.661	284	5543	0.820	ng		100
23) Atrazine	16.847	200	3445	0.786	ng		95
24) Pentachlorophenol	17.033	266	2015	0.896	ng		99
25) Phenanthrene	17.430	178	27942	0.821	ng		100
26) Anthracene	17.530	178	23586	0.810	ng		99
28) Fluoranthene	19.449	202	34082	0.815	ng		99
30) Pyrene	19.816	202	34649	0.801	ng		100
32) Benzo(a)anthracene	21.560	228	32955	0.788	ng		100
33) Chrysene	21.614	228	37847	0.822	ng		100
34) Bis(2-ethylhexyl)phtha...	21.435	149	13436	0.726	ng		99
36) Indeno(1,2,3-cd)pyrene	26.706	276	38498	0.817	ng		99
37) Benzo(b)fluoranthene	23.297	252	36590	0.835	ng		95
38) Benzo(k)fluoranthene	23.347	252	36723	0.827	ng		94
39) Benzo(a)pyrene	23.961	252	32009	0.804	ng	#	93
40) Dibenzo(a,h)anthracene	26.726	278	31476	0.818	ng		96
41) Benzo(g,h,i)perylene	27.519	276	34887	0.820	ng		98

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

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