Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080221\
Data File : BN015765.D
Acq On : 02 Aug 2021 14:19
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN080221

Quant Time: Aug 02 15:01:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	37884	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	166278	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	86782	0.400	ng	0.01
19) Phenanthrene-d10	17.164	188	160934	0.400	ng	0.00
29) Chrysene-d12	21.376	240	148108	0.400	ng	# 0.01
35) Perylene-d12	23.721	264	135044	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	37312	0.403	ng	0.00
5) Phenol-d6	6.951	99	44412	0.397	ng	0.00
8) Nitrobenzene-d5	8.924	82	41359	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	100606	0.403	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	10750	0.342	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	133432	0.386	ng	0.00
27) Fluoranthene-d10	19.207	212	164444	0.393	ng	0.00
31) Terphenyl-d14	19.817	244	141074	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	4969	0.405	ng	# 83
3) n-Nitrosodimethylamine	3.714	42	9260	0.367	ng	# 96
6) bis(2-Chloroethyl)ether	7.218	93	41270	0.406	ng	100
9) Naphthalene	10.622	128	173753	0.399	ng	100
10) Hexachlorobutadiene	10.914	225	30496	0.401	ng	# 100
12) 2-Methylnaphthalene	12.234	142	113353	0.404	ng	100
16) Acenaphthylene	14.129	152	134831	0.377	ng	100
17) Acenaphthene	14.484	154	96673	0.387	ng	100
18) Fluorene	15.474	166	116584	0.390	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	2776	0.360	ng	99
21) 4-Bromophenyl-phenylether	16.360	248	34922	0.369	ng	92
22) Hexachlorobenzene	16.482	284	42514	0.391	ng	99
23) Atrazine	16.640	200	26736	0.460	ng	# 89
24) Pentachlorophenol	16.823	266	11424	0.340	ng	99
25) Phenanthrene	17.212	178	185588	0.388	ng	100
26) Anthracene	17.297	178	149402	0.371	ng	100
28) Fluoranthene	19.237	202	197275	0.396	ng	100
30) Pyrene	19.604	202	192238	0.389	ng	100
32) Benzo(a)anthracene	21.355	228	171909	0.380	ng	98
33) Chrysene	21.408	228	192510	0.393	ng	98
34) Bis(2-ethylhexyl)phtha...	21.302	149	51263	0.429	ng	100
36) Indeno(1,2,3-cd)pyrene	26.123	276	180280	0.377	ng	100
37) Benzo(b)fluoranthene	23.012	252	184952	0.394	ng	100
38) Benzo(k)fluoranthene	23.057	252	193328	0.398	ng	100
39) Benzo(a)pyrene	23.614	252	149905	0.384	ng	100
40) Dibenzo(a,h)anthracene	26.144	278	151914	0.379	ng	100
41) Benzo(g,h,i)perylene	26.853	276	158253	0.379	ng	100

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

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