Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
Data File : BN025477.D
Acq On : 18 May 2023 17:00
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN051823

Quant Time: May 19 02:24:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	4234	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	12343	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	7621	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	17059	0.400	ng	0.00
29) Chrysene-d12	21.625	240	12836	0.400	ng	# 0.00
35) Perylene-d12	24.135	264	12799	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	4098	0.429	ng	0.00
5) Phenol-d6	7.218	99	5169	0.421	ng	0.00
8) Nitrobenzene-d5	9.234	82	3964	0.402	ng	0.00
11) 2-Methylnaphthalene-d10	12.476	152	6996	0.408	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	1257	0.423	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	12486	0.428	ng	0.00
27) Fluoranthene-d10	19.473	212	15239	0.387	ng	0.00
31) Terphenyl-d14	20.058	244	10797	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	1805	0.418	ng	98
3) n-Nitrosodimethylamine	3.787	42	1937	0.407	ng	90
6) bis(2-Chloroethyl)ether	7.492	93	5199	0.436	ng	97
9) Naphthalene	10.942	128	12830	0.409	ng	98
10) Hexachlorobutadiene	11.241	225	2434	0.408	ng	# 100
12) 2-Methylnaphthalene	12.551	142	9370	0.413	ng	99
16) Acenaphthylene	14.427	152	14000	0.402	ng	100
17) Acenaphthene	14.769	154	9393	0.409	ng	97
18) Fluorene	15.747	166	12004	0.423	ng	99
20) 4,6-Dinitro-2-methylph...	15.809	198	1369	0.386	ng	94
21) 4-Bromophenyl-phenylether	16.641	248	4124	0.411	ng	99
22) Hexachlorobenzene	16.752	284	3945	0.421	ng	100
23) Atrazine	16.901	200	3075	0.376	ng	97
24) Pentachlorophenol	17.100	266	2159	0.456	ng	99
25) Phenanthrene	17.485	178	20347	0.407	ng	100
26) Anthracene	17.572	178	18469	0.395	ng	100
28) Fluoranthene	19.498	202	22293	0.392	ng	99
30) Pyrene	19.861	202	22619	0.442	ng	100
32) Benzo(a)anthracene	21.607	228	19123	0.411	ng	99
33) Chrysene	21.670	228	19789	0.429	ng	99
34) Bis(2-ethylhexyl)phtha...	21.536	149	10518	0.384	ng	100
36) Indeno(1,2,3-cd)pyrene	26.766	276	19870	0.384	ng	99
37) Benzo(b)fluoranthene	23.366	252	18902	0.398	ng	98
38) Benzo(k)fluoranthene	23.419	252	19707	0.406	ng	98
39) Benzo(a)pyrene	24.024	252	17080	0.382	ng	96
40) Dibenzo(a,h)anthracene	26.787	278	16094	0.388	ng	96
41) Benzo(g,h,i)perylene	27.570	276	16732	0.382	ng	99

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

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