Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012422\
Data File : BN018455.D
Acq On : 24 Jan 2022 17:29
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN012422

Quant Time: Jan 25 05:45:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 18:25:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	32758	0.400	ng	0.00
7) Naphthalene-d8	10.762	136	145844	0.400	ng	0.00
13) Acenaphthene-d10	14.573	164	78470	0.400	ng	0.00
19) Phenanthrene-d10	17.310	188	146275	0.400	ng	0.00
29) Chrysene-d12	21.482	240	103200	0.400	ng	#-0.01
35) Perylene-d12	23.895	264	76302	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.513	112	32708	0.402	ng	0.00
5) Phenol-d6	7.108	99	35128	0.398	ng	0.00
8) Nitrobenzene-d5	9.101	82	30959	0.368	ng	-0.01
11) 2-Methylnaphthalene-d10	12.345	152	96184	0.393	ng	0.00
14) 2,4,6-Tribromophenol	16.056	330	8694	0.368	ng	0.00
15) 2-Fluorobiphenyl	13.203	172	113331	0.403	ng	-0.01
27) Fluoranthene-d10	19.336	212	174818	0.396	ng	0.00
31) Terphenyl-d14	19.932	244	124112	0.387	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	6507	0.380	ng	# 61
3) n-Nitrosodimethylamine	3.724	42	10622	0.394	ng	98
6) bis(2-Chloroethyl)ether	7.375	93	36452	0.409	ng	99
9) Naphthalene	10.812	128	141339	0.398	ng	100
10) Hexachlorobutadiene	11.116	225	27320	0.389	ng	# 100
12) 2-Methylnaphthalene	12.416	142	99857	0.404	ng	99
16) Acenaphthylene	14.294	152	106672	0.367	ng	100
17) Acenaphthene	14.637	154	81343	0.393	ng	97
18) Fluorene	15.614	166	99032	0.397	ng	100
20) 4,6-Dinitro-2-methylph...	15.690	198	1443	0.322	ng	93
21) 4-Bromophenyl-phenylether	16.506	248	30210	0.385	ng	94
22) Hexachlorobenzene	16.628	284	33721	0.388	ng	# 92
23) Atrazine	16.762	200	17341	0.331	ng	94
24) Pentachlorophenol	16.957	266	7970	0.393	ng	99
25) Phenanthrene	17.346	178	154054	0.397	ng	100
26) Anthracene	17.444	178	123257	0.375	ng	99
28) Fluoranthene	19.366	202	173229	0.408	ng	# 98
30) Pyrene	19.728	202	173858	0.395	ng	99
32) Benzo(a)anthracene	21.472	228	125770	0.385	ng	99
33) Chrysene	21.525	228	128546	0.398	ng	97
34) Bis(2-ethylhexyl)phtha...	21.408	149	84395	0.328	ng	97
36) Indeno(1,2,3-cd)pyrene	26.397	276	46682	0.344	ng	# 90
37) Benzo(b)fluoranthene	23.159	252	109697	0.399	ng	# 94
38) Benzo(k)fluoranthene	23.207	252	99453	0.411	ng	# 86
39) Benzo(a)pyrene	23.786	252	77498	0.385	ng	# 90
40) Dibenzo(a,h)anthracene	26.421	278	30125	0.387	ng	# 80
41) Benzo(g,h,i)perylene	27.161	276	49978	0.362	ng	# 92

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

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