Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100322\
Data File : BN021978.D
Acq On : 03 Oct 2022 15:00
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 04 01:12:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:08:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.985	152	4063	0.400	ng		0.00
7) Naphthalene-d8	10.816	136	11441	0.400	ng		0.00
13) Acenaphthene-d10	14.653	164	6097	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	11942	0.400	ng		#-0.01
29) Chrysene-d12	21.600	240	10629	0.400	ng		# 0.00
35) Perylene-d12	24.084	264	8206	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.508	112	29175	2.747	ng		0.00
5) Phenol-d6	7.140	99	38912	2.861	ng		0.00
8) Nitrobenzene-d5	9.161	82	29975	2.996	ng		0.00
11) 2-Methylnaphthalene-d10	12.406	152	65933	3.100	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	8236	3.046	ng		0.00
15) 2-Fluorobiphenyl	13.274	172	81832	3.100	ng		-0.01
27) Fluoranthene-d10	19.441	212	102045	3.118	ng		0.00
31) Terphenyl-d14	20.032	244	60935	2.844	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	15500	2.864	ng		99
3) n-Nitrosodimethylamine	3.659	42	17696	2.885	ng	#	98
6) bis(2-Chloroethyl)ether	7.408	93	39503	2.861	ng		98
9) Naphthalene	10.859	128	106687	3.074	ng		99
10) Hexachlorobutadiene	11.147	225	18181	3.055	ng	#	99
12) 2-Methylnaphthalene	12.111	142	20413	3.033	ng	#	81
16) Acenaphthylene	14.375	152	98572	3.405	ng		100
17) Acenaphthene	14.717	154	63815	3.110	ng		98
18) Fluorene	15.701	166	78384	3.214	ng		100
20) 4,6-Dinitro-2-methylph...	15.774	198	7213	3.570	ng	#	61
21) 4-Bromophenyl-phenylether	16.593	248	23268	3.085	ng	#	90
22) Hexachlorobenzene	16.704	284	27988	3.179	ng		99
23) Atrazine	16.866	200	18554	3.053	ng	#	94
24) Pentachlorophenol	17.052	266	10783	3.098	ng		98
25) Phenanthrene	17.449	178	129001	3.106	ng		100
26) Anthracene	17.536	178	111641	3.291	ng		100
28) Fluoranthene	19.470	202	142931	3.189	ng		100
30) Pyrene	19.837	202	142855	2.990	ng		100
32) Benzo(a)anthracene	21.591	228	130363	3.174	ng		98
33) Chrysene	21.645	228	133442	3.006	ng		99
34) Bis(2-ethylhexyl)phtha...	21.501	149	58968	2.867	ng		98
36) Indeno(1,2,3-cd)pyrene	26.680	276	137794	3.372	ng		99
37) Benzo(b)fluoranthene	23.318	252	122652	3.101	ng	#	90
38) Benzo(k)fluoranthene	23.371	252	125001	3.235	ng	#	91
39) Benzo(a)pyrene	23.973	252	97381	3.275	ng	#	84
40) Dibenzo(a,h)anthracene	26.704	278	110327	3.377	ng		94
41) Benzo(g,h,i)perylene	27.490	276	114942	3.369	ng		97

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

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