Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120523\
Data File : BN029045.D
Acq On : 05 Dec 2023 21:15
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 06 00:41:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:39:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	1023	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	2102	0.400	ng		0.00
13) Acenaphthene-d10	14.396	164	1771	0.400	ng		0.00
19) Phenanthrene-d10	17.147	188	4631	0.400	ng		0.00
29) Chrysene-d12	21.347	240	3378	0.400	ng		0.00
35) Perylene-d12	23.667	264	3075	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	3736	1.246	ng		0.00
5) Phenol-d6	6.981	99	4424	1.314	ng		0.00
8) Nitrobenzene-d5	8.939	82	4101	1.895	ng		0.00
11) 2-Methylnaphthalene-d10	12.148	152	7579	2.152	ng		0.00
14) 2,4,6-Tribromophenol	15.893	330	3088	2.407	ng		0.00
15) 2-Fluorobiphenyl	13.028	172	15792	2.012	ng		0.00
27) Fluoranthene-d10	19.186	212	24287	1.919	ng		0.00
31) Terphenyl-d14	19.794	244	14626	1.236	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	1374	1.427	ng	#	96
3) n-Nitrosodimethylamine	3.680	42	920	0.743	ng	#	74
6) bis(2-Chloroethyl)ether	7.226	93	3203	1.150	ng		99
9) Naphthalene	10.605	128	10861	1.635	ng		97
10) Hexachlorobutadiene	10.872	225	4819	3.054	ng	#	98
12) 2-Methylnaphthalene	12.220	142	8872	2.042	ng		98
16) Acenaphthylene	14.118	152	16411	1.739	ng		100
17) Acenaphthene	14.460	154	10338	1.664	ng		99
18) Fluorene	15.455	166	16604	2.030	ng		98
20) 4,6-Dinitro-2-methylph...	15.545	198	2658	2.551	ng	#	68
21) 4-Bromophenyl-phenylether	16.352	248	7225	2.179	ng		96
22) Hexachlorobenzene	16.439	284	7997	1.990	ng		99
23) Atrazine	16.638	200	6326	2.186	ng		96
24) Pentachlorophenol	16.799	266	4368	2.298	ng		98
25) Phenanthrene	17.184	178	25907	1.688	ng		99
26) Anthracene	17.283	178	25526	1.796	ng		99
28) Fluoranthene	19.213	202	34928	2.088	ng		100
30) Pyrene	19.580	202	35363	1.707	ng		100
32) Benzo(a)anthracene	21.329	228	28861	1.955	ng		98
33) Chrysene	21.383	228	28777	1.987	ng		98
34) Bis(2-ethylhexyl)phtha...	21.275	149	16239	0.881	ng		99
36) Indeno(1,2,3-cd)pyrene	26.041	276	26376	1.909	ng		99
37) Benzo(b)fluoranthene	22.962	252	28356	2.156	ng	#	92
38) Benzo(k)fluoranthene	23.009	252	27773	2.246	ng	#	91
39) Benzo(a)pyrene	23.564	252	23626	2.029	ng	#	89
40) Dibenzo(a,h)anthracene	26.064	278	20600	1.926	ng	#	92
41) Benzo(g,h,i)perylene	26.769	276	22050	1.841	ng		98

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

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