Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016953.D
Acq On : 14 Oct 2021 16:23
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Oct 14 16:53:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 14:27:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	22185	0.40	ng		0.00
7) Naphthalene-d8	10.381	136	89503	0.40	ng		0.00
13) Acenaphthene-d10	14.244	164	47557	0.40	ng		0.00
19) Phenanthrene-d10	16.993	188	88121	0.40	ng		0.00
29) Chrysene-d12	21.196	240	88049	0.40	ng		0.00
35) Perylene-d12	23.426	264	90348	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.218	112	254955	5.06	ng		0.00
5) Phenol-d6	6.794	99	290647	5.18	ng		0.00
8) Nitrobenzene-d5	8.759	82	308194	5.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	593265	4.73	ng		0.00
14) 2,4,6-Tribromophenol	15.741	330	130150	6.04	ng		0.00
15) 2-Fluorobiphenyl	12.861	172	837809	4.65	ng		0.00
27) Fluoranthene-d10	19.033	212	1116315	5.04	ng		0.00
31) Terphenyl-d14	19.644	244	936345	4.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.207	88	61707	4.17	ng	#	44
3) n-Nitrosodimethylamine	3.530	42	87870	5.16	ng		97
6) bis(2-Chloroethyl)ether	7.052	93	270301	4.50	ng		98
9) Naphthalene	10.432	128	1074032	4.62	ng		100
10) Hexachlorobutadiene	10.711	225	209781	4.56	ng	#	100
12) 2-Methylnaphthalene	12.047	142	673914	4.57	ng		99
16) Acenaphthylene	13.952	152	1012342	5.25	ng		100
17) Acenaphthene	14.307	154	631170	4.78	ng		97
18) Fluorene	15.297	166	753804	4.78	ng		99
20) 4,6-Dinitro-2-methylph...	15.385	198	110207	10.23	ng	#	77
21) 4-Bromophenyl-phenylether	16.190	248	262028	5.07	ng		98
22) Hexachlorobenzene	16.300	284	281322	4.70	ng		100
23) Atrazine	16.470	200	219474	6.80	ng		98
24) Pentachlorophenol	16.640	266	142060	7.03	ng		100
25) Phenanthrene	17.030	178	1167293	4.66	ng		100
26) Anthracene	17.127	178	1104490	5.16	ng		100
28) Fluoranthene	19.063	202	1271413	4.69	ng		99
30) Pyrene	19.425	202	1330017	4.75	ng		100
32) Benzo(a)anthracene	21.185	228	1351601	5.10	ng		97
33) Chrysene	21.228	228	1309039	4.57	ng		99
34) Bis(2-ethylhexyl)phtha...	21.132	149	867611	7.43	ng		99
36) Indeno(1,2,3-cd)pyrene	25.675	276	1609828	4.71	ng		100
37) Benzo(b)fluoranthene	22.756	252	1423636	4.92	ng		100
38) Benzo(k)fluoranthene	22.803	252	1357490	4.73	ng		99
39) Benzo(a)pyrene	23.327	252	1303489	4.93	ng		99
40) Dibenzo(a,h)anthracene	25.699	278	1316043	4.74	ng		100
41) Benzo(g,h,i)perylene	26.367	276	1412836	4.76	ng		100

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

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