Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040221\
Data File : BN014192.D
Acq On : 02 Apr 2021 15:12
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Apr 02 15:42:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 14:32:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	4894	0.40	ng		0.00
7) Naphthalene-d8	10.454	136	16784	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	9735	0.40	ng		-0.01
19) Phenanthrene-d10	17.055	188	20240	0.40	ng		0.00
29) Chrysene-d12	21.247	240	22246	0.40	ng		0.00
36) Perylene-d12	23.466	264	20391	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	39742	3.16	ng		0.00
5) Phenol-d6	6.855	99	51824	3.25	ng		0.00
8) Nitrobenzene-d5	8.819	82	42171	3.70	ng		-0.01
11) 2-Methylnaphthalene-d10	12.053	152	120751	4.73	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	12879	4.12	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	117349	3.21	ng		0.00
27) Fluoranthene-d10	19.096	212	270026	5.10	ng		0.00
31) Terphenyl-d14	19.697	244	161316	3.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	18553	2.95	ng		98
3) n-Nitrosodimethylamine	3.545	42	17053	3.52	ng	#	91
6) bis(2-Chloroethyl)ether	7.112	93	42188	3.32	ng		99
9) Naphthalene	10.505	128	147262	3.55	ng		99
10) Hexachlorobutadiene	10.796	225	27060	3.57	ng	#	100
12) 2-Methylnaphthalene	12.124	142	99557	3.67	ng		99
16) Acenaphthylene	14.029	152	141661	3.80	ng		100
17) Acenaphthene	14.371	154	94194	3.50	ng		98
18) Fluorene	15.361	166	118949	3.65	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	11471	4.56	ng	#	47
21) 4-Bromophenyl-phenylether	16.264	248	38075	3.66	ng		97
22) Hexachlorobenzene	16.373	284	40765	3.51	ng		99
23) Atrazine	16.532	200	27694	3.89	ng		98
24) Pentachlorophenol	16.714	266	11304	3.12	ng		97
25) Phenanthrene	17.103	178	195598	3.60	ng		99
26) Anthracene	17.189	178	174855	3.83	ng		100
28) Fluoranthene	19.126	202	231674	4.08	ng		100
30) Pyrene	19.488	202	231810	3.19	ng		100
32) Benzo(a)anthracene	21.237	228	238647	3.87	ng		99
33) Chrysene	21.279	228	241392	3.54	ng		100
34) Bis(2-ethylhexyl)phtha...	21.173	149	96840	5.15	ng		97
35) Indeno(1,2,3-cd)pyrene	25.691	276	284092	4.02	ng		100
37) Benzo(b)fluoranthene	22.798	252	254841	3.54	ng		97
38) Benzo(k)fluoranthene	22.843	252	246197	3.50	ng		97
39) Benzo(a)pyrene	23.367	252	225038	3.65	ng		95
40) Dibenzo(a,h)anthracene	25.701	278	240525	3.79	ng		98
41) Benzo(g,h,i)perylene	26.368	276	245286	3.64	ng		99

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

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