Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080921\
Data File : BN015823.D
Acq On : 09 Aug 2021 14:59
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Aug 09 17:25:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 16:46:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	8614	0.400	ng		0.00
7) Naphthalene-d8	10.724	136	41158	0.400	ng		0.00
13) Acenaphthene-d10	14.561	164	22987	0.400	ng		0.00
19) Phenanthrene-d10	17.310	188	45569	0.400	ng		0.00
29) Chrysene-d12	21.493	240	45961	0.400	ng		0.00
35) Perylene-d12	23.926	264	44069	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.485	112	2655	0.105	ng		0.00
5) Phenol-d6	7.080	99	3643	0.104	ng		0.00
8) Nitrobenzene-d5	9.076	82	3339	0.108	ng		0.00
11) 2-Methylnaphthalene-d10	12.314	152	6579	0.104	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	1028	0.086	ng		0.00
15) 2-Fluorobiphenyl	13.190	172	11173	0.130	ng		0.00
27) Fluoranthene-d10	19.336	212	13225	0.104	ng		0.00
31) Terphenyl-d14	19.937	244	15793	0.111	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	332	0.096	ng		89
3) n-Nitrosodimethylamine	3.788	42	775	0.095	ng	#	94
6) bis(2-Chloroethyl)ether	7.347	93	2629	0.106	ng		100
9) Naphthalene	10.774	128	11859	0.110	ng		98
10) Hexachlorobutadiene	11.066	225	2926	0.149	ng	#	97
12) 2-Methylnaphthalene	12.390	142	7922	0.108	ng		99
16) Acenaphthylene	14.282	152	9931	0.093	ng		100
17) Acenaphthene	14.624	154	6917	0.103	ng		98
18) Fluorene	15.601	166	8713	0.107	ng		99
20) 4,6-Dinitro-2-methylph...	15.690	198	222	0.062	ng	#	29
21) 4-Bromophenyl-phenylether	16.494	248	2615	0.107	ng		100
22) Hexachlorobenzene	16.616	284	3461	0.115	ng	#	87
23) Atrazine	16.762	200	2023	0.081	ng		98
24) Pentachlorophenol	16.957	266	1147	0.101	ng		97
25) Phenanthrene	17.346	178	14059	0.108	ng		99
26) Anthracene	17.431	178	12063	0.096	ng		99
28) Fluoranthene	19.371	202	16212	0.111	ng		100
30) Pyrene	19.728	202	16390	0.101	ng		100
32) Benzo(a)anthracene	21.482	228	15865	0.101	ng		99
33) Chrysene	21.536	228	16765	0.113	ng		100
34) Bis(2-ethylhexyl)phtha...	21.408	149	6963	0.060	ng		98
36) Indeno(1,2,3-cd)pyrene	26.442	276	15108	0.091	ng	#	96
37) Benzo(b)fluoranthene	23.183	252	16811	0.109	ng	#	92
38) Benzo(k)fluoranthene	23.231	252	15410	0.106	ng	#	93
39) Benzo(a)pyrene	23.817	252	14192	0.104	ng	#	90
40) Dibenzo(a,h)anthracene	26.466	278	11904	0.087	ng	#	82
41) Benzo(g,h,i)perylene	27.216	276	14120	0.098	ng		96

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

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