Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
Data File : BN017207.D
Acq On : 30 Oct 2021 09:15
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 31 23:43:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 30 00:49:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	36358	0.400	ng	0.00
7) Naphthalene-d8	10.332	136	161338	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	82947	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	153481	0.400	ng	0.00
29) Chrysene-d12	21.154	240	154270	0.400	ng	#-0.01
35) Perylene-d12	23.369	264	156271	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.173	112	30264	0.371	ng	0.00
5) Phenol-d6	6.749	99	32946	0.364	ng	0.00
8) Nitrobenzene-d5	8.710	82	34410	0.366	ng	0.00
11) 2-Methylnaphthalene-d10	11.929	152	138783	0.567	ng	0.00
14) 2,4,6-Tribromophenol	15.704	330	9817	0.398	ng	0.00
15) 2-Fluorobiphenyl	12.824	172	118052	0.381	ng	0.00
27) Fluoranthene-d10	18.995	212	248497	0.576	ng	0.00
31) Terphenyl-d14	19.605	244	125792	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.153	88	6439	0.332	ng	# 51
3) n-Nitrosodimethylamine	3.485	42	11307	0.355	ng	99
6) bis(2-Chloroethyl)ether	7.008	93	36253	0.379	ng	100
9) Naphthalene	10.383	128	154877	0.368	ng	99
10) Hexachlorobutadiene	10.661	225	29811	0.385	ng	# 100
12) 2-Methylnaphthalene	12.000	142	99898	0.378	ng	99
16) Acenaphthylene	13.915	152	123062	0.371	ng	100
17) Acenaphthene	14.257	154	85673	0.374	ng	99
18) Fluorene	15.247	166	102071	0.376	ng	100
20) 4,6-Dinitro-2-methylph...	15.349	198	1115	0.156	ng	# 89
21) 4-Bromophenyl-phenylether	16.155	248	31187	0.369	ng	96
22) Hexachlorobenzene	16.264	284	34643	0.376	ng	100
23) Atrazine	16.435	200	22026	0.391	ng	97
24) Pentachlorophenol	16.605	266	7947	0.397	ng	99
25) Phenanthrene	16.995	178	160597	0.374	ng	100
26) Anthracene	17.080	178	134607	0.374	ng	100
28) Fluoranthene	19.025	202	182410	0.391	ng	100
30) Pyrene	19.387	202	183802	0.378	ng	100
32) Benzo(a)anthracene	21.144	228	172718	0.370	ng	99
33) Chrysene	21.197	228	189690	0.387	ng	99
34) Bis(2-ethylhexyl)phtha...	21.101	149	79996	0.440	ng	99
36) Indeno(1,2,3-cd)pyrene	25.591	276	207683	0.366	ng	98
37) Benzo(b)fluoranthene	22.705	252	187735	0.385	ng	99
38) Benzo(k)fluoranthene	22.750	252	184534	0.381	ng	# 96
39) Benzo(a)pyrene	23.270	252	170301	0.386	ng	100
40) Dibenzo(a,h)anthracene	25.615	278	168981	0.367	ng	99
41) Benzo(g,h,i)perylene	26.272	276	176409	0.355	ng	100

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

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