Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013260.D
Acq On : 22 Dec 2020 05:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 22 06:04:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.330	152	812	0.40	ng		-0.02
7) Naphthalene-d8	10.099	136	2478	0.40	ng		#-0.01
13) Acenaphthene-d10	13.991	164	1637	0.40	ng		-0.01
19) Phenanthrene-d10	16.763	188	3746	0.40	ng		#-0.01
29) Chrysene-d12	20.995	240	3804	0.40	ng		#-0.01
36) Perylene-d12	23.085	264	4505	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.954	112	1065	0.32	ng		0.00
5) Phenol-d6	6.541	99	1129	0.33	ng		0.00
8) Nitrobenzene-d5	8.502	82	951	0.37	ng		-0.03
11) 2-Methylnaphthalene-d10	11.711	152	2100	0.48	ng		-0.01
14) 2,4,6-Tribromophenol	15.526	330	329	0.32	ng		-0.01
15) 2-Fluorobiphenyl	12.621	172	2074	0.30	ng		-0.01
27) Fluoranthene-d10	18.811	212	5623	0.46	ng		0.00
31) Terphenyl-d14	19.432	244	3044	0.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	604	0.43	ng	#	88
3) n-Nitrosodimethylamine	3.271	42	666	0.28	ng	#	77
6) bis(2-Chloroethyl)ether	6.790	93	628	0.30	ng	#	84
9) Naphthalene	10.150	128	2443	0.32	ng	#	94
10) Hexachlorobutadiene	10.416	225	518	0.32	ng	#	99
12) 2-Methylnaphthalene	11.786	142	1618	0.31	ng		95
16) Acenaphthylene	13.712	152	2603	0.30	ng		99
17) Acenaphthene	14.067	154	1724	0.32	ng		92
18) Fluorene	15.069	166	2268	0.32	ng		100
20) 4,6-Dinitro-2-methylph...	15.222	198	163	0.34	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	139	0.19	ng	#	81
22) Hexachlorobenzene	16.070	284	786	0.31	ng		95
23) Atrazine	16.264	200	624	0.28	ng	#	90
24) Pentachlorophenol	16.447	266	311	0.29	ng		97
25) Phenanthrene	16.812	178	3701	0.30	ng		100
26) Anthracene	16.897	178	3150	0.29	ng		99
28) Fluoranthene	18.846	202	4598	0.31	ng		99
30) Pyrene	19.213	202	4670	0.32	ng		99
32) Benzo(a)anthracene	20.985	228	3919	0.29	ng		98
33) Chrysene	21.027	228	4751	0.33	ng		98
34) Bis(2-ethylhexyl)phtha...	20.921	149	2386	0.09	ng		97
35) Indeno(1,2,3-cd)pyrene	25.122	276	6559	0.33	ng		97
37) Benzo(b)fluoranthene	22.469	252	5172	0.33	ng	#	84
38) Benzo(k)fluoranthene	22.510	252	5717	0.31	ng	#	92
39) Benzo(a)pyrene	22.993	252	5158	0.33	ng	#	83
40) Dibenzo(a,h)anthracene	25.132	278	5467	0.32	ng	#	90
41) Benzo(g,h,i)perylene	25.741	276	5980	0.33	ng	#	95

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

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