Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013306.D
Acq On : 23 Dec 2020 20:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Dec 24 03:36:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.330	152	454	0.40	ng		0.00
7) Naphthalene-d8	10.099	136	1605	0.40	ng		# 0.00
13) Acenaphthene-d10	13.991	164	1031	0.40	ng		0.00
19) Phenanthrene-d10	16.763	188	2386	0.40	ng		# 0.00
29) Chrysene-d12	20.995	240	2322	0.40	ng		# 0.00
36) Perylene-d12	23.078	264	2642	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.954	112	966	0.52	ng		0.00
5) Phenol-d6	6.540	99	789	0.42	ng		0.00
8) Nitrobenzene-d5	8.515	82	652	0.39	ng		0.01
11) 2-Methylnaphthalene-d10	11.706	152	1135	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.526	330	295	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	1814	0.42	ng		0.00
27) Fluoranthene-d10	18.806	212	3000	0.38	ng		-0.01
31) Terphenyl-d14	19.431	244	2522	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.925	88	404	0.51	ng		92
3) n-Nitrosodimethylamine	3.271	42	443	0.34	ng	#	27
6) bis(2-Chloroethyl)ether	6.782	93	532	0.45	ng		96
9) Naphthalene	10.150	128	1967	0.40	ng	#	90
10) Hexachlorobutadiene	10.403	225	497	0.47	ng	#	98
12) 2-Methylnaphthalene	11.786	142	1290	0.39	ng		94
16) Acenaphthylene	13.712	152	2231	0.41	ng		98
17) Acenaphthene	14.054	154	1415	0.41	ng		89
18) Fluorene	15.057	166	1926	0.43	ng		100
20) 4,6-Dinitro-2-methylph...	15.247	198	128	0.38	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	233	0.50	ng	#	88
22) Hexachlorobenzene	16.070	284	652	0.40	ng		93
23) Atrazine	16.252	200	509	0.36	ng	#	84
24) Pentachlorophenol	16.435	266	273	0.40	ng		98
25) Phenanthrene	16.800	178	3027	0.39	ng		99
26) Anthracene	16.897	178	2594	0.38	ng		99
28) Fluoranthene	18.841	202	3656	0.39	ng		99
30) Pyrene	19.208	202	3706	0.41	ng		99
32) Benzo(a)anthracene	20.984	228	2968	0.36	ng		97
33) Chrysene	21.027	228	3799	0.44	ng		98
34) Bis(2-ethylhexyl)phtha...	20.910	149	1675	0.14	ng		97
35) Indeno(1,2,3-cd)pyrene	25.115	276	5251	0.44	ng	#	92
37) Benzo(b)fluoranthene	22.466	252	3970	0.43	ng	#	91
38) Benzo(k)fluoranthene	22.507	252	4610	0.43	ng	#	92
39) Benzo(a)pyrene	22.996	252	3953	0.43	ng	#	88
40) Dibenzo(a,h)anthracene	25.129	278	4105	0.41	ng	#	91
41) Benzo(g,h,i)perylene	25.731	276	4626	0.43	ng	#	93

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

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