Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
Data File : BN024506.D
Acq On : 23 Mar 2023 10:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 24 02:35:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 02:34:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.026	152	13111	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	38549	0.400	ng		# 0.00
13) Acenaphthene-d10	14.654	164	20887	0.400	ng		0.00
19) Phenanthrene-d10	17.401	188	42711	0.400	ng		0.00
29) Chrysene-d12	21.601	240	31402	0.400	ng		# 0.00
35) Perylene-d12	24.082	264	26370	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.570	112	12916	0.445	ng		0.00
5) Phenol-d6	7.181	99	15661	0.420	ng		0.00
8) Nitrobenzene-d5	9.190	82	12000	0.466	ng		0.00
11) 2-Methylnaphthalene-d10	12.418	152	19328	0.408	ng		0.00
14) 2,4,6-Tribromophenol	16.147	330	3770	0.353	ng		0.00
15) 2-Fluorobiphenyl	13.286	172	31071	0.394	ng		0.00
27) Fluoranthene-d10	19.429	212	36160	0.399	ng		0.00
31) Terphenyl-d14	20.025	244	21238	0.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	5248	0.368	ng		98
3) n-Nitrosodimethylamine	3.757	42	7683	0.367	ng		94
6) bis(2-Chloroethyl)ether	7.441	93	14576	0.394	ng		99
9) Naphthalene	10.888	128	39312	0.401	ng		99
10) Hexachlorobutadiene	11.176	225	7719	0.415	ng	#	99
12) 2-Methylnaphthalene	12.494	142	26215	0.396	ng		98
16) Acenaphthylene	14.376	152	36767	0.371	ng		99
17) Acenaphthene	14.718	154	23219	0.368	ng		97
18) Fluorene	15.702	166	27840	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.775	198	942	0.296	ng		90
21) 4-Bromophenyl-phenylether	16.594	248	9859	0.388	ng		98
22) Hexachlorobenzene	16.705	284	11662	0.374	ng		97
23) Atrazine	16.854	200	6228	0.386	ng	#	95
24) Pentachlorophenol	17.053	266	4149	0.347	ng		98
25) Phenanthrene	17.438	178	47281	0.374	ng		100
26) Anthracene	17.537	178	42504	0.364	ng		99
28) Fluoranthene	19.459	202	52127	0.376	ng		99
30) Pyrene	19.826	202	53736	0.422	ng		100
32) Benzo(a)anthracene	21.583	228	41684	0.398	ng		99
33) Chrysene	21.637	228	42746	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.494	149	26957	0.546	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.676	276	35492	0.360	ng		96
37) Benzo(b)fluoranthene	23.322	252	37178	0.362	ng		97
38) Benzo(k)fluoranthene	23.372	252	37351	0.353	ng		97
39) Benzo(a)pyrene	23.971	252	34295	0.365	ng		96
40) Dibenzo(a,h)anthracene	26.696	278	27166	0.355	ng		99
41) Benzo(g,h,i)perylene	27.477	276	31424	0.352	ng		97

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

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