Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028920.D
Acq On : 30 Nov 2023 21:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 01 00:29:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	3477	0.400	ng		0.00
7) Naphthalene-d8	10.594	136	9624	0.400	ng		0.00
13) Acenaphthene-d10	14.428	164	5209	0.400	ng		0.00
19) Phenanthrene-d10	17.184	188	11096	0.400	ng	#	0.00
29) Chrysene-d12	21.374	240	6260	0.400	ng	#	0.00
35) Perylene-d12	23.713	264	6537	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	4426	0.420	ng		0.00
5) Phenol-d6	7.045	99	4745	0.406	ng		0.00
8) Nitrobenzene-d5	8.982	82	3721	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	12.185	152	5800	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.930	330	1185	0.337	ng		0.00
15) 2-Fluorobiphenyl	13.071	172	9086	0.404	ng		0.00
27) Fluoranthene-d10	19.213	212	12172	0.417	ng		0.00
31) Terphenyl-d14	19.822	244	9482	0.483	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	1391	0.409	ng		92
3) n-Nitrosodimethylamine	3.767	42	1624	0.395	ng	#	98
6) bis(2-Chloroethyl)ether	7.277	93	3851	0.392	ng		97
9) Naphthalene	10.648	128	11921	0.390	ng		100
10) Hexachlorobutadiene	10.915	225	2361	0.378	ng	#	98
12) 2-Methylnaphthalene	12.257	142	7221	0.376	ng		99
16) Acenaphthylene	14.150	152	10262	0.372	ng		99
17) Acenaphthene	14.492	154	7014	0.383	ng		99
18) Fluorene	15.487	166	9893	0.427	ng		100
20) 4,6-Dinitro-2-methylph...	15.570	198	803	0.330	ng	#	72
21) 4-Bromophenyl-phenylether	16.377	248	2922	0.383	ng	#	76
22) Hexachlorobenzene	16.464	284	3460	0.369	ng		97
23) Atrazine	16.687	200	2561	0.383	ng		98
24) Pentachlorophenol	16.836	266	1513	0.347	ng		95
25) Phenanthrene	17.221	178	13937	0.380	ng		99
26) Anthracene	17.308	178	12504	0.369	ng		100
28) Fluoranthene	19.246	202	15685	0.412	ng		99
30) Pyrene	19.608	202	15803	0.424	ng		100
32) Benzo(a)anthracene	21.356	228	10280	0.386	ng		95
33) Chrysene	21.410	228	10247	0.392	ng		96
34) Bis(2-ethylhexyl)phtha...	21.311	149	11089	0.199	ng	#	92
36) Indeno(1,2,3-cd)pyrene	26.111	276	11765	0.413	ng	#	94
37) Benzo(b)fluoranthene	23.003	252	10285	0.385	ng	#	61
38) Benzo(k)fluoranthene	23.050	252	9463	0.375	ng	#	63
39) Benzo(a)pyrene	23.605	252	9244	0.387	ng	#	60
40) Dibenzo(a,h)anthracene	26.140	278	9109	0.413	ng	#	53
41) Benzo(g,h,i)perylene	26.842	276	10481	0.423	ng	#	80

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

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