Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036128.D
Acq On : 30 Jan 2025 03:43
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 30 04:17:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:34:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.803	152	2131	0.400	ng		-0.01
7) Naphthalene-d8	10.590	136	4862	0.400	ng		#-0.02
13) Acenaphthene-d10	14.442	164	2750	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	6103	0.400	ng		# 0.00
29) Chrysene-d12	21.367	240	5116	0.400	ng		0.00
35) Perylene-d12	23.669	264	5085	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.412	112	2533	0.457	ng		0.02
5) Phenol-d6	7.008	99	3195	0.491	ng		0.04
8) Nitrobenzene-d5	8.946	82	2006	0.437	ng		-0.01
11) 2-Methylnaphthalene-d10	12.182	152	2922	0.442	ng		-0.02
14) 2,4,6-Tribromophenol	15.933	330	689	0.391	ng		0.00
15) 2-Fluorobiphenyl	13.063	172	4754	0.387	ng		0.00
27) Fluoranthene-d10	19.216	212	7072	0.447	ng		0.00
31) Terphenyl-d14	19.815	244	5137	0.483	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.303	88	869	0.365	ng		94
3) n-Nitrosodimethylamine	3.614	42	1517	0.351	ng	#	76
6) bis(2-Chloroethyl)ether	7.225	93	2420	0.462	ng		98
9) Naphthalene	10.643	128	5630	0.399	ng		98
10) Hexachlorobutadiene	10.942	225	1633	0.358	ng	#	98
12) 2-Methylnaphthalene	12.259	142	3632	0.414	ng		96
16) Acenaphthylene	14.153	152	5132	0.394	ng		99
17) Acenaphthene	14.506	154	3570	0.400	ng		98
18) Fluorene	15.489	166	4914	0.439	ng		98
20) 4,6-Dinitro-2-methylph...	15.560	198	402	0.283	ng	#	80
21) 4-Bromophenyl-phenylether	16.380	248	1615	0.371	ng	#	91
22) Hexachlorobenzene	16.491	284	2151	0.376	ng		96
23) Atrazine	16.653	200	1263	0.402	ng		96
24) Pentachlorophenol	16.851	266	843	0.340	ng		99
25) Phenanthrene	17.224	178	7295	0.398	ng		99
26) Anthracene	17.311	178	6577	0.394	ng		99
28) Fluoranthene	19.244	202	8878	0.412	ng		99
30) Pyrene	19.606	202	9070	0.438	ng		100
32) Benzo(a)anthracene	21.358	228	7250	0.391	ng		98
33) Chrysene	21.403	228	7502	0.396	ng		99
34) Bis(2-ethylhexyl)phtha...	21.286	149	5061	0.498	ng		100
36) Indeno(1,2,3-cd)pyrene	26.014	276	8019	0.393	ng		99
37) Benzo(b)fluoranthene	22.973	252	7092	0.384	ng	#	90
38) Benzo(k)fluoranthene	23.020	252	6802	0.365	ng	#	88
39) Benzo(a)pyrene	23.567	252	6171	0.391	ng	#	83
40) Dibenzo(a,h)anthracene	26.025	278	6330	0.389	ng		94
41) Benzo(g,h,i)perylene	26.727	276	6952	0.392	ng		99

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

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