Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022509.D
Acq On : 04 Nov 2022 11:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 05 05:52:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:28:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.920	152	4196	0.400	ng		0.00
7) Naphthalene-d8	10.741	136	13703	0.400	ng		-0.01
13) Acenaphthene-d10	14.593	164	7102	0.400	ng		0.00
19) Phenanthrene-d10	17.354	188	12089	0.400	ng		# 0.00
29) Chrysene-d12	21.555	240	4623	0.400	ng		# 0.00
35) Perylene-d12	24.005	264	4818	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.450	112	4148	0.350	ng		0.00
5) Phenol-d6	7.082	99	5202	0.348	ng		0.00
8) Nitrobenzene-d5	9.097	82	5513	0.445	ng		-0.01
11) 2-Methylnaphthalene-d10	12.342	152	8233	0.358	ng		0.00
14) 2,4,6-Tribromophenol	16.100	330	1249	0.335	ng		0.00
15) 2-Fluorobiphenyl	13.213	172	12939	0.437	ng		0.00
27) Fluoranthene-d10	19.390	212	10481	0.317	ng		0.00
31) Terphenyl-d14	19.988	244	9282	0.644	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	1920	0.304	ng		99
3) n-Nitrosodimethylamine	3.609	42	2151	0.329	ng	#	97
6) bis(2-Chloroethyl)ether	7.342	93	4403	0.329	ng		97
9) Naphthalene	10.794	128	16164	0.389	ng		98
10) Hexachlorobutadiene	11.072	225	2837	0.396	ng	#	99
12) 2-Methylnaphthalene	12.054	142	3363	0.340	ng	#	91
16) Acenaphthylene	14.315	152	14260	0.396	ng		99
17) Acenaphthene	14.657	154	9052	0.390	ng		99
18) Fluorene	15.640	166	11575	0.356	ng		99
20) 4,6-Dinitro-2-methylph...	15.752	198	80	0.257	ng	#	1
21) 4-Bromophenyl-phenylether	16.534	248	3182	0.426	ng		92
22) Hexachlorobenzene	16.646	284	3493	0.409	ng		99
23) Atrazine	16.807	200	2589	0.385	ng		97
24) Pentachlorophenol	17.006	266	1014	0.402	ng		96
25) Phenanthrene	17.391	178	15346	0.380	ng		100
26) Anthracene	17.478	178	13747	0.387	ng		99
28) Fluoranthene	19.419	202	13792	0.317	ng		99
30) Pyrene	19.786	202	13886	0.696	ng		99
32) Benzo(a)anthracene	21.537	228	7281	0.392	ng	#	92
33) Chrysene	21.590	228	6977	0.379	ng	#	91
34) Bis(2-ethylhexyl)phtha...	21.456	149	6595	0.421	ng	#	89
36) Indeno(1,2,3-cd)pyrene	26.572	276	12122	0.523	ng		98
37) Benzo(b)fluoranthene	23.250	252	6610	0.349	ng	#	74
38) Benzo(k)fluoranthene	23.300	252	6807	0.352	ng	#	78
39) Benzo(a)pyrene	23.894	252	5782	0.356	ng	#	65
40) Dibenzo(a,h)anthracene	26.595	278	9702	0.526	ng	#	83
41) Benzo(g,h,i)perylene	27.367	276	10314	0.526	ng	#	90

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

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