Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
Data File : BN022596.D
Acq On : 10 Nov 2022 11:53
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 10 23:12:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:09:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	1956	0.400	ng		0.00
7) Naphthalene-d8	10.720	136	5610	0.400	ng		0.00
13) Acenaphthene-d10	14.568	164	3370	0.400	ng		0.00
19) Phenanthrene-d10	17.325	188	6774	0.400	ng		0.00
29) Chrysene-d12	21.537	240	5873	0.400	ng		0.00
35) Perylene-d12	23.976	264	5102	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.443	112	17271	3.127	ng		0.00
5) Phenol-d6	7.083	99	22410	3.219	ng		0.00
8) Nitrobenzene-d5	9.065	82	18214	3.593	ng		-0.01
11) 2-Methylnaphthalene-d10	12.315	152	30414	3.230	ng		0.00
14) 2,4,6-Tribromophenol	16.072	330	5618	3.175	ng		0.00
15) 2-Fluorobiphenyl	13.189	172	44118	3.142	ng		-0.01
27) Fluoranthene-d10	19.369	212	61931	3.346	ng		0.00
31) Terphenyl-d14	19.968	244	59349	3.243	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	8466	2.880	ng		98
3) n-Nitrosodimethylamine	3.580	42	9154	3.001	ng	#	99
6) bis(2-Chloroethyl)ether	7.321	93	19965	3.203	ng		99
9) Naphthalene	10.763	128	53667	3.158	ng		98
10) Hexachlorobutadiene	11.051	225	9843	3.357	ng	#	100
12) 2-Methylnaphthalene	12.051	142	12534	3.099	ng	#	80
16) Acenaphthylene	14.290	152	55117	3.222	ng		100
17) Acenaphthene	14.632	154	34967	3.172	ng		99
18) Fluorene	15.626	166	47505	3.075	ng		97
20) 4,6-Dinitro-2-methylph...	15.712	198	4009	3.621	ng	#	68
21) 4-Bromophenyl-phenylether	16.518	248	13157	3.145	ng		91
22) Hexachlorobenzene	16.630	284	15151	3.169	ng		99
23) Atrazine	16.791	200	11651	3.092	ng		93
24) Pentachlorophenol	16.990	266	6514	3.606	ng		95
25) Phenanthrene	17.375	178	71759	3.169	ng		99
26) Anthracene	17.462	178	64641	3.245	ng		100
28) Fluoranthene	19.403	202	78570	3.220	ng		99
30) Pyrene	19.765	202	79406	3.131	ng		100
32) Benzo(a)anthracene	21.519	228	72107	3.053	ng		98
33) Chrysene	21.573	228	73348	3.136	ng		98
34) Bis(2-ethylhexyl)phtha...	21.439	149	41536	2.088	ng		100
36) Indeno(1,2,3-cd)pyrene	26.528	276	81008	3.298	ng		99
37) Benzo(b)fluoranthene	23.225	252	68605	3.420	ng	#	89
38) Benzo(k)fluoranthene	23.277	252	69595	3.402	ng	#	90
39) Benzo(a)pyrene	23.865	252	55807	3.248	ng	#	81
40) Dibenzo(a,h)anthracene	26.546	278	65253	3.339	ng		92
41) Benzo(g,h,i)perylene	27.315	276	67206	3.237	ng		96

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

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