Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120722\
Data File : BN023086.D
Acq On : 07 Dec 2022 13:49
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 08 02:19:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 02:17:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.028	152	6090	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	18173	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	10692	0.400	ng		0.00
19) Phenanthrene-d10	17.414	188	23188	0.400	ng		0.00
29) Chrysene-d12	21.598	240	21006	0.400	ng		0.00
35) Perylene-d12	24.062	264	16027	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	22704	1.584	ng		0.00
5) Phenol-d6	7.175	99	29136	1.608	ng		0.00
8) Nitrobenzene-d5	9.185	82	22603	1.660	ng		0.00
11) 2-Methylnaphthalene-d10	12.427	152	63040	1.728	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	7687	1.685	ng		0.00
15) 2-Fluorobiphenyl	13.298	172	78757	1.667	ng		0.00
27) Fluoranthene-d10	19.439	212	108187	1.695	ng		0.00
31) Terphenyl-d14	20.031	244	66122	1.522	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	12642	1.653	ng		94
3) n-Nitrosodimethylamine	3.723	42	13254	1.734	ng	#	97
6) bis(2-Chloroethyl)ether	7.443	93	32455	1.663	ng		99
9) Naphthalene	10.893	128	90222	1.673	ng		99
10) Hexachlorobutadiene	11.181	225	16977	1.683	ng	#	100
12) 2-Methylnaphthalene	12.121	142	16288	1.703	ng	#	91
16) Acenaphthylene	14.388	152	86449	1.716	ng		100
17) Acenaphthene	14.730	154	61542	1.687	ng		99
18) Fluorene	15.714	166	70126	1.601	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	6338	2.065	ng	#	78
21) 4-Bromophenyl-phenylether	16.607	248	23536	1.642	ng		97
22) Hexachlorobenzene	16.719	284	30724	1.696	ng		99
23) Atrazine	16.868	200	17400	1.699	ng		97
24) Pentachlorophenol	17.054	266	10722	2.141	ng		99
25) Phenanthrene	17.452	178	130813	1.657	ng		100
26) Anthracene	17.538	178	108111	1.701	ng		100
28) Fluoranthene	19.469	202	148748	1.730	ng		100
30) Pyrene	19.831	202	145521	1.613	ng		100
32) Benzo(a)anthracene	21.580	228	130959	1.668	ng		100
33) Chrysene	21.634	228	144230	1.672	ng		100
34) Bis(2-ethylhexyl)phtha...	21.500	149	51876	1.559	ng		98
36) Indeno(1,2,3-cd)pyrene	26.635	276	150949	1.747	ng		100
37) Benzo(b)fluoranthene	23.308	252	129137	1.749	ng		95
38) Benzo(k)fluoranthene	23.354	252	131980	1.752	ng		96
39) Benzo(a)pyrene	23.951	252	102630	1.713	ng		93
40) Dibenzo(a,h)anthracene	26.655	278	120553	1.763	ng		97
41) Benzo(g,h,i)perylene	27.430	276	121865	1.721	ng		98

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

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