Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
Data File : BN027727.D
Acq On : 18 Sep 2023 10:30
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Sep 18 14:03:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 14:03:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.015	152	1755	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	5828	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	3988	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	11444	0.400	ng		0.00
29) Chrysene-d12	21.578	240	13262	0.400	ng		0.00
35) Perylene-d12	24.080	264	14178	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.545	112	564	0.122	ng		0.00
5) Phenol-d6	7.163	99	646	0.116	ng		0.00
8) Nitrobenzene-d5	9.208	82	514	0.119	ng		0.00
11) 2-Methylnaphthalene-d10	12.415	152	832	0.097	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	220	0.143	ng		0.00
15) 2-Fluorobiphenyl	13.282	172	1354	0.091	ng		0.01
27) Fluoranthene-d10	19.425	212	3237	0.111	ng		0.00
31) Terphenyl-d14	20.010	244	2856	0.107	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	215	0.100	ng	#	84
3) n-Nitrosodimethylamine	3.776	42	260	0.111	ng	#	92
6) bis(2-Chloroethyl)ether	7.445	93	578	0.106	ng		96
9) Naphthalene	10.884	128	1650	0.103	ng	#	89
10) Hexachlorobutadiene	11.109	225	289	0.099	ng	#	98
12) 2-Methylnaphthalene	12.490	142	1072	0.095	ng	#	91
16) Acenaphthylene	14.373	152	1606	0.089	ng		99
17) Acenaphthene	14.715	154	1182	0.097	ng		97
18) Fluorene	15.692	166	1743	0.106	ng		100
20) 4,6-Dinitro-2-methylph...	16.847	198	23	0.137	ng	#	57
21) 4-Bromophenyl-phenylether	16.586	248	558	0.092	ng		95
22) Hexachlorobenzene	16.673	284	659	0.093	ng		98
23) Atrazine	16.847	200	454	0.099	ng	#	87
25) Phenanthrene	17.442	178	3296	0.098	ng		99
26) Anthracene	17.529	178	2636	0.091	ng		99
28) Fluoranthene	19.453	202	4283	0.106	ng		98
30) Pyrene	19.820	202	4579	0.088	ng		100
32) Benzo(a)anthracene	21.560	228	4746	0.103	ng		97
33) Chrysene	21.623	228	5067	0.101	ng		97
34) Bis(2-ethylhexyl)phtha...	21.434	149	2711	0.124	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.714	276	5816	0.098	ng		99
37) Benzo(b)fluoranthene	23.302	252	5013	0.091	ng	#	72
38) Benzo(k)fluoranthene	23.355	252	5045	0.089	ng	#	69
39) Benzo(a)pyrene	23.966	252	4674	0.091	ng	#	64
40) Dibenzo(a,h)anthracene	26.741	278	4691	0.100	ng	#	80
41) Benzo(g,h,i)perylene	27.533	276	5339	0.100	ng	#	90

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

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