Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091823\
Data File : BN027731.D
Acq On : 18 Sep 2023 12:57
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 18 14:05:44 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	1760	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	5752	0.400	ng	0.00
13) Acenaphthene-d10	14.651	164	3857	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	10332	0.400	ng	0.00
29) Chrysene-d12	21.578	240	12345	0.400	ng	# 0.00
35) Perylene-d12	24.075	264	12894	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.545	112	5879	1.270	ng	0.00
5) Phenol-d6	7.163	99	7337	1.310	ng	0.00
8) Nitrobenzene-d5	9.208	82	6350	1.495	ng	0.00
11) 2-Methylnaphthalene-d10	12.411	152	11926	1.406	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	2329	1.563	ng	-0.01
15) 2-Fluorobiphenyl	13.272	172	19011	1.317	ng	0.00
27) Fluoranthene-d10	19.421	212	40210	1.528	ng	0.00
31) Terphenyl-d14	20.006	244	30937	1.248	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	2812	1.308	ng	98
3) n-Nitrosodimethylamine	3.776	42	3504	1.490	ng	# 97
6) bis(2-Chloroethyl)ether	7.445	93	7616	1.391	ng	99
9) Naphthalene	10.885	128	21718	1.369	ng	96
10) Hexachlorobutadiene	11.109	225	3741	1.293	ng	# 99
12) 2-Methylnaphthalene	12.487	142	15618	1.400	ng	97
16) Acenaphthylene	14.373	152	23179	1.326	ng	99
17) Acenaphthene	14.705	154	16066	1.366	ng	100
18) Fluorene	15.693	166	23651	1.484	ng	99
20) 4,6-Dinitro-2-methylph...	16.847	198	209	1.382	ng	# 48
21) 4-Bromophenyl-phenylether	16.586	248	7506	1.376	ng	# 89
22) Hexachlorobenzene	16.661	284	8183	1.273	ng	99
23) Atrazine	16.847	200	5814	1.405	ng	95
24) Pentachlorophenol	17.033	266	3782	1.485	ng	98
25) Phenanthrene	17.443	178	41898	1.373	ng	100
26) Anthracene	17.530	178	36341	1.394	ng	100
28) Fluoranthene	19.449	202	55504	1.521	ng	100
30) Pyrene	19.816	202	57551	1.188	ng	100
32) Benzo(a)anthracene	21.560	228	60640	1.411	ng	99
33) Chrysene	21.614	228	64055	1.367	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	25987	1.279	ng	99
36) Indeno(1,2,3-cd)pyrene	26.703	276	82929	1.540	ng	100
37) Benzo(b)fluoranthene	23.297	252	67249	1.344	ng	# 93
38) Benzo(k)fluoranthene	23.347	252	68237	1.326	ng	# 92
39) Benzo(a)pyrene	23.961	252	64959	1.393	ng	# 89
40) Dibenzo(a,h)anthracene	26.723	278	68100	1.602	ng	96
41) Benzo(g,h,i)perylene	27.519	276	73899	1.516	ng	99

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

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