Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027226.D
Acq On : 28 Aug 2023 21:36
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Aug 29 05:28:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:25:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	4442	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	13042	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	7893	0.400	ng		0.00
19) Phenanthrene-d10	17.442	188	17531	0.400	ng		0.00
29) Chrysene-d12	21.623	240	15564	0.400	ng	#	0.00
35) Perylene-d12	24.150	264	14588	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	15033	1.201	ng		0.00
5) Phenol-d6	7.206	99	18632	1.205	ng		0.00
8) Nitrobenzene-d5	9.262	82	13140	1.192	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	26509	1.279	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	3799	0.904	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	43081	1.470	ng		0.00
27) Fluoranthene-d10	19.467	212	59155	1.316	ng		0.00
31) Terphenyl-d14	20.052	244	41908	1.289	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	7075	1.481	ng		93
3) n-Nitrosodimethylamine	3.805	42	8232	1.547	ng		95
6) bis(2-Chloroethyl)ether	7.502	93	19213	1.478	ng		100
9) Naphthalene	10.948	128	49240	1.435	ng		99
10) Hexachlorobutadiene	11.183	225	9007	1.284	ng	#	99
12) 2-Methylnaphthalene	12.543	142	34973	1.304	ng		99
16) Acenaphthylene	14.426	152	50898	1.351	ng		100
17) Acenaphthene	14.758	154	33617	1.445	ng		99
18) Fluorene	15.742	166	44780	1.433	ng		100
20) 4,6-Dinitro-2-methylph...	16.896	198	356	1.295	ng	#	31
21) 4-Bromophenyl-phenylether	16.623	248	13183	1.317	ng	#	74
22) Hexachlorobenzene	16.710	284	15157	1.418	ng		99
23) Atrazine	16.896	200	9329	1.047	ng		97
24) Pentachlorophenol	17.070	266	5407	1.002	ng		99
25) Phenanthrene	17.492	178	71859	1.426	ng		100
26) Anthracene	17.579	178	61940	1.317	ng		100
28) Fluoranthene	19.495	202	83818	1.404	ng		100
30) Pyrene	19.862	202	85227	1.423	ng		100
32) Benzo(a)anthracene	21.605	228	74308	1.323	ng		99
33) Chrysene	21.658	228	81232	1.432	ng		100
34) Bis(2-ethylhexyl)phtha...	21.479	149	30491	0.754	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.820	276	86070	1.441	ng		100
37) Benzo(b)fluoranthene	23.361	252	80420	1.647	ng	#	94
38) Benzo(k)fluoranthene	23.413	252	80900	1.612	ng	#	93
39) Benzo(a)pyrene	24.036	252	76014	1.554	ng	#	90
40) Dibenzo(a,h)anthracene	26.846	278	68544	1.441	ng		94
41) Benzo(g,h,i)perylene	27.650	276	77022	1.505	ng		97

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

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