Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102224\
Data File : BN034677.D
Acq On : 22 Oct 2024 14:14
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 22 14:50:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 14:37:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.662	152	7393	0.400	ng		0.00
7) Naphthalene-d8	10.436	136	20955	0.400	ng		0.00
13) Acenaphthene-d10	14.286	164	10743	0.400	ng		0.00
19) Phenanthrene-d10	17.032	188	23163	0.400	ng		0.00
29) Chrysene-d12	21.223	240	18461	0.400	ng		0.00
35) Perylene-d12	23.429	264	20295	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.271	112	19249	0.797	ng		0.00
5) Phenol-d6	6.838	99	24241	0.788	ng		0.00
8) Nitrobenzene-d5	8.803	82	14557	0.879	ng		0.00
11) 2-Methylnaphthalene-d10	12.030	152	25355	0.832	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	3794	0.725	ng		0.00
15) 2-Fluorobiphenyl	12.918	172	36458	0.904	ng		0.00
27) Fluoranthene-d10	19.071	212	48688	0.829	ng		0.00
31) Terphenyl-d14	19.680	244	30006	0.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.242	88	7452	0.852	ng		99
3) n-Nitrosodimethylamine	3.538	42	9025	0.952	ng		99
6) bis(2-Chloroethyl)ether	7.098	93	18859	0.875	ng		99
9) Naphthalene	10.479	128	49450	0.869	ng		100
10) Hexachlorobutadiene	10.789	225	8051	0.831	ng	#	97
12) 2-Methylnaphthalene	12.105	142	31415	0.870	ng		99
16) Acenaphthylene	14.008	152	43609	0.835	ng		100
17) Acenaphthene	14.351	154	29972	0.906	ng		99
18) Fluorene	15.345	166	37163	0.901	ng		100
20) 4,6-Dinitro-2-methylph...	15.420	198	2540	1.245	ng	#	73
21) 4-Bromophenyl-phenylether	16.237	248	10653	0.848	ng		100
22) Hexachlorobenzene	16.349	284	12036	0.835	ng		99
23) Atrazine	16.511	200	9527	0.813	ng		98
24) Pentachlorophenol	16.684	266	4537	0.725	ng		98
25) Phenanthrene	17.081	178	57431	0.901	ng		100
26) Anthracene	17.168	178	51950	0.841	ng		100
28) Fluoranthene	19.099	202	66356	0.898	ng		100
30) Pyrene	19.457	202	68272	0.919	ng		100
32) Benzo(a)anthracene	21.205	228	60026	0.891	ng		100
33) Chrysene	21.259	228	59188	0.917	ng		99
34) Bis(2-ethylhexyl)phtha...	21.178	149	39704	0.855	ng		99
36) Indeno(1,2,3-cd)pyrene	25.648	276	68433	0.877	ng		100
37) Benzo(b)fluoranthene	22.771	252	61810	0.895	ng		95
38) Benzo(k)fluoranthene	22.815	252	60410	0.909	ng		94
39) Benzo(a)pyrene	23.335	252	53290	0.873	ng		93
40) Dibenzo(a,h)anthracene	25.668	278	53869	0.866	ng		98
41) Benzo(g,h,i)perylene	26.311	276	59535	0.891	ng		99

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

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