Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023487.D
Acq On : 27 Dec 2022 13:59
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Dec 28 03:34:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:33:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.977	152	5782	0.400	ng		0.00
7) Naphthalene-d8	10.797	136	15957	0.400	ng		0.00
13) Acenaphthene-d10	14.624	164	9017	0.400	ng		0.00
19) Phenanthrene-d10	17.377	188	18988	0.400	ng		0.00
29) Chrysene-d12	21.563	240	15454	0.400	ng	#	0.00
35) Perylene-d12	24.009	264	12386	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	2574	0.160	ng		0.00
5) Phenol-d6	7.139	99	3118	0.163	ng		0.00
8) Nitrobenzene-d5	9.142	82	2350	0.182	ng		0.00
11) 2-Methylnaphthalene-d10	12.386	152	4188	0.153	ng		0.00
14) 2,4,6-Tribromophenol	16.124	330	794	0.234	ng		0.00
15) 2-Fluorobiphenyl	13.255	172	7068	0.190	ng		0.00
27) Fluoranthene-d10	19.406	212	8718	0.155	ng		0.00
31) Terphenyl-d14	20.000	244	6545	0.177	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	1166	0.154	ng		94
3) n-Nitrosodimethylamine	3.702	42	1330	0.193	ng	#	99
6) bis(2-Chloroethyl)ether	7.399	93	3082	0.187	ng		100
9) Naphthalene	10.840	128	7943	0.167	ng		98
10) Hexachlorobutadiene	11.128	225	1620	0.187	ng	#	98
12) 2-Methylnaphthalene	12.458	142	5769	0.182	ng		98
16) Acenaphthylene	14.346	152	6669	0.154	ng		99
17) Acenaphthene	14.688	154	4826	0.164	ng		99
18) Fluorene	15.671	166	6579	0.171	ng		97
20) 4,6-Dinitro-2-methylph...	15.751	198	428	0.176	ng	#	80
21) 4-Bromophenyl-phenylether	16.558	248	2147	0.194	ng		97
22) Hexachlorobenzene	16.682	284	2609	0.213	ng		100
23) Atrazine	16.831	200	1593	0.183	ng		99
24) Pentachlorophenol	17.030	266	769	0.267	ng		98
25) Phenanthrene	17.415	178	10360	0.162	ng		99
26) Anthracene	17.501	178	8136	0.147	ng		99
28) Fluoranthene	19.435	202	11198	0.160	ng		100
30) Pyrene	19.802	202	11459	0.175	ng		100
32) Benzo(a)anthracene	21.545	228	9775	0.177	ng		98
33) Chrysene	21.607	228	10090	0.165	ng		99
34) Bis(2-ethylhexyl)phtha...	21.473	149	6473	0.208	ng		99
36) Indeno(1,2,3-cd)pyrene	26.550	276	8519	0.154	ng		99
37) Benzo(b)fluoranthene	23.258	252	9063	0.190	ng	#	91
38) Benzo(k)fluoranthene	23.308	252	8657	0.170	ng	#	90
39) Benzo(a)pyrene	23.898	252	6686	0.162	ng	#	89
40) Dibenzo(a,h)anthracene	26.574	278	6442	0.146	ng		94
41) Benzo(g,h,i)perylene	27.342	276	7629	0.158	ng		95

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

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