Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034038.D
Acq On : 18 Sep 2024 14:54
Operator : JU/RC
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 18 16:15:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	7307	0.400	ng		0.00
7) Naphthalene-d8	10.197	136	21131	0.400	ng		0.00
13) Acenaphthene-d10	14.082	164	12153	0.400	ng		0.00
19) Phenanthrene-d10	16.842	188	26614	0.400	ng		0.00
29) Chrysene-d12	21.059	240	22873	0.400	ng		0.00
35) Perylene-d12	23.189	264	20684	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.075	112	63110	3.043	ng		0.00
5) Phenol-d6	6.635	99	80154	3.323	ng		0.00
8) Nitrobenzene-d5	8.574	82	54215	3.354	ng		0.00
11) 2-Methylnaphthalene-d10	11.794	152	98906	3.170	ng		0.00
14) 2,4,6-Tribromophenol	15.589	330	19161	3.480	ng		0.00
15) 2-Fluorobiphenyl	12.692	172	155310	3.142	ng		-0.01
27) Fluoranthene-d10	18.887	212	215735	3.213	ng		0.00
31) Terphenyl-d14	19.504	244	140407	3.074	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.074	88	27346	2.993	ng		93
3) n-Nitrosodimethylamine	3.370	42	32761	3.151	ng	#	97
6) bis(2-Chloroethyl)ether	6.880	93	67753	3.175	ng		98
9) Naphthalene	10.240	128	180527	3.113	ng		99
10) Hexachlorobutadiene	10.539	225	32520	2.976	ng	#	99
12) 2-Methylnaphthalene	11.869	142	120585	3.195	ng		98
16) Acenaphthylene	13.793	152	178740	3.436	ng		100
17) Acenaphthene	14.146	154	118987	3.189	ng		98
18) Fluorene	15.140	166	157300	3.213	ng		99
20) 4,6-Dinitro-2-methylph...	15.226	198	15277	3.232	ng	#	55
21) 4-Bromophenyl-phenylether	16.048	248	47888	3.201	ng	#	94
22) Hexachlorobenzene	16.147	284	52341	3.120	ng		100
23) Atrazine	16.334	200	40875	3.297	ng		96
24) Pentachlorophenol	16.495	266	22273	4.015	ng		100
25) Phenanthrene	16.880	178	240379	3.145	ng		100
26) Anthracene	16.967	178	215284	3.452	ng		100
28) Fluoranthene	18.914	202	289295	3.268	ng		100
30) Pyrene	19.281	202	296441	3.071	ng		100
32) Benzo(a)anthracene	21.050	228	232693	3.216	ng		99
33) Chrysene	21.095	228	267873	3.103	ng		100
34) Bis(2-ethylhexyl)phtha...	21.014	149	88712	2.943	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.279	276	284132	3.206	ng		99
37) Benzo(b)fluoranthene	22.560	252	274115	3.383	ng	#	93
38) Benzo(k)fluoranthene	22.604	252	269423	3.168	ng	#	89
39) Benzo(a)pyrene	23.095	252	221768	3.358	ng	#	87
40) Dibenzo(a,h)anthracene	25.294	278	224248	3.257	ng		96
41) Benzo(g,h,i)perylene	25.911	276	244366	3.160	ng		98

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

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