Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
Data File : BN034040.D
Acq On : 18 Sep 2024 18:01
Operator : JU/RC
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN091924

Quant Time: Sep 18 18:29:56 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	7.438	152	7441	0.400	ng		0.00
7) Naphthalene-d8	10.191	136	20648	0.400	ng	#	0.00
13) Acenaphthene-d10	14.083	164	10842	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	21730	0.400	ng	#	0.00
29) Chrysene-d12	21.062	240	13486	0.400	ng		0.00
35) Perylene-d12	23.189	264	12946	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.076	112	9341	0.442	ng		0.00
5) Phenol-d6	6.636	99	9977	0.406	ng		0.00
8) Nitrobenzene-d5	8.578	82	5636	0.357	ng		0.00
11) 2-Methylnaphthalene-d10	11.795	152	11291	0.370	ng		0.00
14) 2,4,6-Tribromophenol	15.592	330	1851	0.377	ng		0.00
15) 2-Fluorobiphenyl	12.693	172	17844	0.405	ng		0.00
27) Fluoranthene-d10	18.885	212	19215	0.350	ng		0.00
31) Terphenyl-d14	19.503	244	11191	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.083	88	3911	0.420	ng		98
3) n-Nitrosodimethylamine	3.379	42	4225	0.399	ng	#	95
6) bis(2-Chloroethyl)ether	6.881	93	8259	0.380	ng		100
9) Naphthalene	10.244	128	22158	0.391	ng		100
10) Hexachlorobutadiene	10.543	225	4339	0.406	ng	#	99
12) 2-Methylnaphthalene	11.871	142	13664	0.371	ng		98
16) Acenaphthylene	13.794	152	17256	0.372	ng		99
17) Acenaphthene	14.147	154	13226	0.397	ng		100
18) Fluorene	15.141	166	16560	0.379	ng		100
20) 4,6-Dinitro-2-methylph...	15.238	198	936	0.370	ng		85
21) 4-Bromophenyl-phenylether	16.051	248	4712	0.386	ng		94
22) Hexachlorobenzene	16.150	284	5733	0.419	ng		100
23) Atrazine	16.337	200	3719	0.367	ng		97
24) Pentachlorophenol	16.498	266	1746	0.386	ng		99
25) Phenanthrene	16.883	178	24279	0.389	ng		100
26) Anthracene	16.970	178	18267	0.359	ng		100
28) Fluoranthene	18.913	202	25109	0.347	ng		100
30) Pyrene	19.280	202	25618	0.450	ng		100
32) Benzo(a)anthracene	21.044	228	15786	0.370	ng		100
33) Chrysene	21.098	228	20535	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	6532	0.368	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.279	276	22278	0.402	ng		99
37) Benzo(b)fluoranthene	22.563	252	19554	0.386	ng		95
38) Benzo(k)fluoranthene	22.604	252	21903	0.411	ng		97
39) Benzo(a)pyrene	23.098	252	15991	0.387	ng		94
40) Dibenzo(a,h)anthracene	25.297	278	17016	0.395	ng		97
41) Benzo(g,h,i)perylene	25.911	276	19666	0.406	ng		100

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

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