Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102224\
Data File : BN034680.D
Acq On : 22 Oct 2024 16:03
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 22 16:41:14 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 16:37:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.662	152	7972	0.400	ng		0.00
7) Naphthalene-d8	10.436	136	22692	0.400	ng		0.00
13) Acenaphthene-d10	14.286	164	11941	0.400	ng		0.00
19) Phenanthrene-d10	17.032	188	25452	0.400	ng		0.00
29) Chrysene-d12	21.223	240	20730	0.400	ng		0.00
35) Perylene-d12	23.429	264	21537	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.271	112	116404	4.725	ng		0.00
5) Phenol-d6	6.838	99	154370	4.925	ng		0.00
8) Nitrobenzene-d5	8.803	82	96202	5.094	ng		0.00
11) 2-Methylnaphthalene-d10	12.029	152	163930	5.078	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	29894	5.652	ng		0.00
15) 2-Fluorobiphenyl	12.918	172	234096	4.957	ng		0.00
27) Fluoranthene-d10	19.066	212	322404	5.069	ng		0.00
31) Terphenyl-d14	19.679	244	199780	5.001	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.242	88	43658	4.545	ng		99
3) n-Nitrosodimethylamine	3.530	42	55568	4.944	ng	#	99
6) bis(2-Chloroethyl)ether	7.098	93	114801	4.818	ng		99
9) Naphthalene	10.479	128	313058	4.980	ng		99
10) Hexachlorobutadiene	10.789	225	48883	4.805	ng	#	98
12) 2-Methylnaphthalene	12.105	142	201977	5.060	ng		98
16) Acenaphthylene	14.008	152	305829	5.283	ng		100
17) Acenaphthene	14.350	154	202450	5.148	ng		98
18) Fluorene	15.345	166	249135	5.072	ng		100
20) 4,6-Dinitro-2-methylph...	15.419	198	21315	6.046	ng	#	56
21) 4-Bromophenyl-phenylether	16.237	248	70925	5.040	ng		95
22) Hexachlorobenzene	16.349	284	77625	4.957	ng		99
23) Atrazine	16.510	200	62989	5.024	ng		98
24) Pentachlorophenol	16.684	266	38505	6.185	ng		98
25) Phenanthrene	17.069	178	377886	4.968	ng		100
26) Anthracene	17.168	178	358296	5.255	ng		100
28) Fluoranthene	19.099	202	432920	5.006	ng		100
30) Pyrene	19.461	202	449413	4.946	ng		100
32) Benzo(a)anthracene	21.205	228	397694	5.016	ng		100
33) Chrysene	21.259	228	384764	4.932	ng		100
34) Bis(2-ethylhexyl)phtha...	21.178	149	294200	5.272	ng		100
36) Indeno(1,2,3-cd)pyrene	25.645	276	431447	5.156	ng		100
37) Benzo(b)fluoranthene	22.771	252	398892	5.197	ng	#	92
38) Benzo(k)fluoranthene	22.815	252	396032	5.259	ng	#	91
39) Benzo(a)pyrene	23.332	252	348663	5.277	ng	#	89
40) Dibenzo(a,h)anthracene	25.662	278	338482	5.149	ng		96
41) Benzo(g,h,i)perylene	26.311	276	367117	5.069	ng		98

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

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