Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033486.D
Acq On : 20 Aug 2024 01:56
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Quant Time: Aug 20 02:44:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	12026	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	33045	0.400	ng		0.00
13) Acenaphthene-d10	14.189	164	17848	0.400	ng		0.00
19) Phenanthrene-d10	16.942	188	35827	0.400	ng		0.00
29) Chrysene-d12	21.148	240	21483	0.400	ng	#	0.00
35) Perylene-d12	23.314	264	20739	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	17640	0.462	ng		0.00
5) Phenol-d6	6.736	99	22583	0.497	ng		0.00
8) Nitrobenzene-d5	8.691	82	9916	0.362	ng		0.00
11) 2-Methylnaphthalene-d10	11.915	152	17348	0.367	ng		0.00
14) 2,4,6-Tribromophenol	15.688	330	3037	0.317	ng		0.00
15) 2-Fluorobiphenyl	12.810	172	26095	0.358	ng		0.00
27) Fluoranthene-d10	18.980	212	29700	0.345	ng		0.00
31) Terphenyl-d14	19.593	244	19462	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	6628	0.479	ng		99
3) n-Nitrosodimethylamine	3.479	42	7119	0.442	ng		99
6) bis(2-Chloroethyl)ether	6.989	93	13027	0.404	ng		100
9) Naphthalene	10.368	128	32687	0.370	ng		99
10) Hexachlorobutadiene	10.667	225	6415	0.364	ng	#	99
12) 2-Methylnaphthalene	11.986	142	20730	0.371	ng		99
16) Acenaphthylene	13.900	152	26801	0.342	ng		100
17) Acenaphthene	14.253	154	19654	0.357	ng		99
18) Fluorene	15.247	166	24565	0.354	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	1803	0.322	ng	#	82
21) 4-Bromophenyl-phenylether	16.147	248	7966	0.366	ng		94
22) Hexachlorobenzene	16.247	284	9039	0.376	ng		99
23) Atrazine	16.420	200	5969	0.344	ng		98
24) Pentachlorophenol	16.594	266	3006	0.289	ng		98
25) Phenanthrene	16.979	178	37016	0.371	ng		100
26) Anthracene	17.066	178	31155	0.353	ng		99
28) Fluoranthene	19.007	202	38365	0.348	ng		100
30) Pyrene	19.374	202	38735	0.404	ng		100
32) Benzo(a)anthracene	21.130	228	28298	0.364	ng		99
33) Chrysene	21.184	228	28782	0.373	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	15827	0.322	ng		99
36) Indeno(1,2,3-cd)pyrene	25.472	276	31883	0.370	ng		99
37) Benzo(b)fluoranthene	22.671	252	27618	0.357	ng		98
38) Benzo(k)fluoranthene	22.715	252	28035	0.368	ng		99
39) Benzo(a)pyrene	23.221	252	22480	0.351	ng		97
40) Dibenzo(a,h)anthracene	25.490	278	25600	0.372	ng		99
41) Benzo(g,h,i)perylene	26.124	276	26587	0.361	ng		100

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

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