Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033678.D
Acq On : 29 Aug 2024 20:57
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/30/2024
Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 29 23:36:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.530	152	5662	0.400	ng		0.00
7) Naphthalene-d8	10.293	136	14337	0.400	ng		0.00
13) Acenaphthene-d10	14.167	164	6573	0.400	ng		0.00
19) Phenanthrene-d10	16.916	188	12733	0.400	ng		0.00
29) Chrysene-d12	21.121	240	9618	0.400	ng		0.00
35) Perylene-d12	23.282	264	10412	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.168	112	6300	0.370	ng		0.00
5) Phenol-d6	6.721	99	7378	0.367	ng		0.00
8) Nitrobenzene-d5	8.659	82	4512	0.378	ng		0.00
11) 2-Methylnaphthalene-d10	11.884	152	7746	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.663	330	1084	0.344	ng		0.00
15) 2-Fluorobiphenyl	12.777	172	10782	0.389	ng		0.00
27) Fluoranthene-d10	18.956	212	11955	0.381	ng		0.00
31) Terphenyl-d14	19.569	244	8007	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	2535	0.385	ng		98
3) n-Nitrosodimethylamine	3.464	42	2881	0.373	ng		97
6) bis(2-Chloroethyl)ether	6.967	93	5899	0.384	ng		99
9) Naphthalene	10.335	128	14778	0.385	ng		100
10) Hexachlorobutadiene	10.634	225	3093	0.389	ng	#	99
12) 2-Methylnaphthalene	11.960	142	8941	0.378	ng		99
16) Acenaphthylene	13.878	152	10496	0.369	ng		100
17) Acenaphthene	14.231	154	7528	0.380	ng		99
18) Fluorene	15.225	166	9299	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.311	198	666	0.345	ng	#	75
21) 4-Bromophenyl-phenylether	16.122	248	2817	0.383	ng		98
22) Hexachlorobenzene	16.221	284	3301	0.393	ng		100
23) Atrazine	16.395	200	2155	0.367	ng		100
24) Pentachlorophenol	16.569	266	1218	0.321	ng		96
25) Phenanthrene	16.954	178	13518	0.382	ng		100
26) Anthracene	17.041	178	11278	0.368	ng		100
28) Fluoranthene	18.988	202	15017	0.377	ng		99
30) Pyrene	19.351	202	15376	0.395	ng		100
32) Benzo(a)anthracene	21.103	228	13167	0.388	ng		99
33) Chrysene	21.157	228	13955	0.402	ng		100
34) Bis(2-ethylhexyl)phtha...	21.067	149	7089m	0.369	ng		
36) Indeno(1,2,3-cd)pyrene	25.422	276	17861	0.400	ng		100
37) Benzo(b)fluoranthene	22.642	252	14959	0.391	ng		99
38) Benzo(k)fluoranthene	22.683	252	14676	0.391	ng		99
39) Benzo(a)pyrene	23.188	252	12280	0.384	ng		100
40) Dibenzo(a,h)anthracene	25.440	278	14210	0.399	ng		99
41) Benzo(g,h,i)perylene	26.071	276	15379	0.398	ng		99

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

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