Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030539.D
Acq On : 29 Mar 2024 20:46
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN033024

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/30/2024
Supervised By :mohammad ahmed 04/02/2024

Quant Time: Mar 30 00:16:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	6576	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	19334	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	10828	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	24389	0.400	ng		0.00
29) Chrysene-d12	21.285	240	21045	0.400	ng		0.00
35) Perylene-d12	23.527	264	19444	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	5167	0.361	ng		0.00
5) Phenol-d6	6.873	99	6576	0.357	ng		0.00
8) Nitrobenzene-d5	8.851	82	5043	0.371	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	11431	0.386	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	1352m	0.331	ng		0.00
15) 2-Fluorobiphenyl	12.958	172	16186	0.387	ng		-0.01
27) Fluoranthene-d10	19.126	212	24036	0.366	ng		0.00
31) Terphenyl-d14	19.730	244	18758	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	3095	0.390	ng		99
3) n-Nitrosodimethylamine	3.544	42	2861	0.373	ng	#	99
6) bis(2-Chloroethyl)ether	7.133	93	6718	0.370	ng		99
9) Naphthalene	10.538	128	21001	0.392	ng		100
10) Hexachlorobutadiene	10.816	225	4348	0.397	ng	#	99
12) 2-Methylnaphthalene	12.153	142	13644	0.388	ng		99
16) Acenaphthylene	14.060	152	17507	0.357	ng		100
17) Acenaphthene	14.402	154	12797	0.377	ng		100
18) Fluorene	15.396	166	16696	0.378	ng		100
20) 4,6-Dinitro-2-methylph...	15.471	198	806	0.386	ng		90
21) 4-Bromophenyl-phenylether	16.283	248	5493	0.373	ng		94
22) Hexachlorobenzene	16.395	284	6795	0.386	ng		99
23) Atrazine	16.556	200	3621	0.338	ng		99
24) Pentachlorophenol	16.730	266	1586	0.390	ng		97
25) Phenanthrene	17.127	178	27193	0.376	ng		100
26) Anthracene	17.214	178	21526	0.355	ng		100
28) Fluoranthene	19.154	202	31777	0.370	ng		100
30) Pyrene	19.516	202	31906	0.387	ng		100
32) Benzo(a)anthracene	21.267	228	27333	0.367	ng		100
33) Chrysene	21.321	228	30795	0.385	ng		99
34) Bis(2-ethylhexyl)phtha...	21.213	149	10805	0.334	ng		100
36) Indeno(1,2,3-cd)pyrene	25.796	276	32413	0.376	ng		100
37) Benzo(b)fluoranthene	22.852	252	30685	0.388	ng		100
38) Benzo(k)fluoranthene	22.896	252	30459	0.384	ng		99
39) Benzo(a)pyrene	23.428	252	22819	0.360	ng		99
40) Dibenzo(a,h)anthracene	25.814	278	25845	0.379	ng		99
41) Benzo(g,h,i)perylene	26.486	276	27940	0.381	ng		100

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

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