Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042821\
Data File : BN014464.D
Acq On : 27 Apr 2021 19:24
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN042821

Manual Integrations APPROVED
mohammad
4/28/2021 11:03:20 AM

Quant Time: Apr 28 01:08:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 19:23:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	8742	0.40	ng		0.00
7) Naphthalene-d8	10.441	136	32364	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	17352	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	36108	0.40	ng		0.00
29) Chrysene-d12	21.250	240	38230	0.40	ng		0.00
35) Perylene-d12	23.468	264	33247	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	6570	0.40	ng		0.00
5) Phenol-d6	6.838	99	8004	0.39	ng		0.00
8) Nitrobenzene-d5	8.806	82	8570	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.039	152	19174	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.792	330	1928	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	25665	0.39	ng		0.00
27) Fluoranthene-d10	19.089	212	37626	0.38	ng		0.00
31) Terphenyl-d14	19.695	244	29433	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.230	88	3551	0.36	ng		97
3) n-Nitrosodimethylamine	3.593	42	1649m	0.35	ng		
6) bis(2-Chloroethyl)ether	7.104	93	8497	0.41	ng		100
9) Naphthalene	10.492	128	31957	0.40	ng		100
10) Hexachlorobutadiene	10.784	225	6357	0.41	ng	#	99
12) 2-Methylnaphthalene	12.111	142	21052	0.40	ng		97
16) Acenaphthylene	14.016	152	25849	0.38	ng		100
17) Acenaphthene	14.371	154	18422	0.39	ng		100
18) Fluorene	15.361	166	22658	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.437	198	1084	0.39	ng	#	77
21) 4-Bromophenyl-phenylether	16.252	248	7342	0.39	ng		99
22) Hexachlorobenzene	16.362	284	10015	0.41	ng		99
23) Atrazine	16.520	200	4150	0.35	ng		99
24) Pentachlorophenol	16.702	266	1463	0.45	ng		97
25) Phenanthrene	17.092	178	39444	0.39	ng		100
26) Anthracene	17.177	178	29648	0.37	ng		100
28) Fluoranthene	19.119	202	42930	0.39	ng		100
30) Pyrene	19.481	202	42968	0.38	ng		100
32) Benzo(a)anthracene	21.239	228	41726	0.40	ng		100
33) Chrysene	21.282	228	46444	0.40	ng		100
34) Bis(2-ethylhexyl)phtha...	21.175	149	17133	0.38	ng		99
36) Indeno(1,2,3-cd)pyrene	25.693	276	50979	0.40	ng		99
37) Benzo(b)fluoranthene	22.804	252	45449	0.38	ng		99
38) Benzo(k)fluoranthene	22.849	252	49619	0.41	ng		98
39) Benzo(a)pyrene	23.373	252	43571	0.41	ng		96
40) Dibenzo(a,h)anthracene	25.704	278	41966	0.39	ng		98
41) Benzo(g,h,i)perylene	26.371	276	44099	0.39	ng		99

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

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