Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052323\
Data File : BM039971.D
Acq On : 23 May 2023 13:37
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 00:30:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 00:17:53 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo

05/24/2023
Supervised By :mohammad ahmed

05/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	365861	20.000	ng		0.00
21) Naphthalene-d8	10.839	136	1483130	20.000	ng		0.00
39) Acenaphthene-d10	14.657	164	775245	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	1361315	20.000	ng		0.00
76) Chrysene-d12	21.574	240	1177399	20.000	ng		0.00
86) Perylene-d12	24.021	264	1062701	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	2740957	114.919	ng		0.00
7) Phenol-d6	7.175	99	3647728	117.241	ng		0.00
23) Nitrobenzene-d5	9.192	82	3448530	125.466	ng		0.00
42) 2,4,6-Tribromophenol	16.145	330	1439787	143.090	ng		0.00
45) 2-Fluorobiphenyl	13.286	172	8425328	128.186	ng		0.00
79) Terphenyl-d14	20.015	244	10301022	135.845	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	507698	52.708	ng		99
3) Pyridine	3.828	79	1538847m	58.220	ng		
4) n-Nitrosodimethylamine	3.740	42	615742	54.806	ng		96
6) Aniline	7.345	93	2322714	60.333	ng		99
8) 2-Chlorophenol	7.581	128	1543629	61.484	ng		96
9) Benzaldehyde	7.151	77	734186	48.814	ng		99
10) Phenol	7.204	94	1838811	58.960	ng		99
11) bis(2-Chloroethyl)ether	7.440	93	1500072	58.397	ng		99
12) 1,3-Dichlorobenzene	7.910	146	1570132	59.058	ng		98
13) 1,4-Dichlorobenzene	8.057	146	1613669	59.654	ng		100
14) 1,2-Dichlorobenzene	8.375	146	1596125	60.175	ng		98
15) Benzyl Alcohol	8.263	79	1283916	64.017	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.557	45	1919360	58.248	ng		99
17) 2-Methylphenol	8.463	107	1383130	61.988	ng		99
18) Hexachloroethane	9.110	117	594051	60.575	ng		98
19) n-Nitroso-di-n-propyla...	8.839	70	1150832	63.862	ng		97
20) 3+4-Methylphenols	8.792	107	1857686	63.092	ng		99
22) Acetophenone	8.851	105	2430334	60.711	ng	#	98
24) Nitrobenzene	9.234	77	1703073	61.085	ng		97
25) Isophorone	9.763	82	3132359	62.492	ng		97
27) 2,4-Dimethylphenol	10.004	122	1425774	63.451	ng		99
28) bis(2-Chloroethoxy)met...	10.245	93	1999932	60.857	ng		98
29) 2,4-Dichlorophenol	10.481	162	1382082	64.919	ng		98
30) 1,2,4-Trichlorobenzene	10.698	180	1454175	62.392	ng		99
31) Naphthalene	10.886	128	4966528	60.692	ng		99
32) Benzoic acid	10.157	122	945664	60.100	ng		94
33) 4-Chloroaniline	10.992	127	2150930	62.376	ng		99
34) Hexachlorobutadiene	11.175	225	831309	63.546	ng		99
35) Caprolactam	11.786	113	385751	64.167	ng		88
36) 4-Chloro-3-methylphenol	12.110	107	1379792	62.704	ng		99
37) 2-Methylnaphthalene	12.492	142	3361162	61.621	ng		99
38) 1-Methylnaphthalene	12.710	142	3166002	62.007	ng		98
40) 1,2,4,5-Tetrachloroben...	12.857	216	1610408	65.678	ng		98
41) Hexachlorocyclopentadiene	12.839	237	917068	72.299	ng		99
43) 2,4,6-Trichlorophenol	13.092	196	998439	67.087	ng		99
44) 2,4,5-Trichlorophenol	13.163	196	1176723	66.428	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.498	154	4145737	62.462	ng		99
47)	2-Chloronaphthalene	13.539	162	3151678	63.614	ng		98
48)	2-Nitroaniline	13.739	65	812301	59.925	ng		93
49)	Acenaphthylene	14.380	152	4959969	63.950	ng		99
50)	Dimethylphthalate	14.116	163	3642779	62.333	ng		99
51)	2,6-Dinitrotoluene	14.233	165	743072	66.466	ng		93
52)	Acenaphthene	14.721	154	3225252m	63.645	ng		
53)	3-Nitroaniline	14.563	138	886209	67.008	ng		95
54)	2,4-Dinitrophenol	14.757	184	351597	58.872	ng		99
55)	Dibenzofuran	15.057	168	4621643	61.778	ng		97
56)	4-Nitrophenol	14.851	139	683677	66.827	ng		96
57)	2,4-Dinitrotoluene	15.016	165	965333	59.035	ng		90
58)	Fluorene	15.704	166	3937960	63.322	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.274	232	860669	65.333	ng		97
60)	Diethylphthalate	15.474	149	3639588	63.007	ng		98
61)	4-Chlorophenyl-phenyle...	15.698	204	1997973	65.666	ng		91
62)	4-Nitroaniline	15.721	138	913179	66.299	ng		97
63)	Azobenzene	15.986	77	3452787	59.953	ng		98
65)	4,6-Dinitro-2-methylph...	15.774	198	474000	60.693	ng		91
66)	n-Nitrosodiphenylamine	15.910	169	3149917	67.285	ng		98
67)	4-Bromophenyl-phenylether	16.586	248	1032610	68.650	ng		95
68)	Hexachlorobenzene	16.704	284	1143404	66.517	ng		93
69)	Atrazine	16.857	200	786586	67.549	ng		99
70)	Pentachlorophenol	17.045	266	769942	68.231	ng		99
71)	Phenanthrene	17.439	178	5255976	64.549	ng		99
72)	Anthracene	17.533	178	5440171	67.432	ng		100
73)	Carbazole	17.798	167	4729981	64.894	ng		100
74)	Di-n-butylphthalate	18.368	149	5707062	60.234	ng		100
75)	Fluoranthene	19.451	202	5359730	66.042	ng		98
77)	Benzidine	19.633	184	1016695	55.607	ng		100
78)	Pyrene	19.809	202	5698017	65.952	ng		100
80)	Butylbenzylphthalate	20.709	149	2260982	62.063	ng	#	88
81)	Benzo(a)anthracene	21.556	228	5485388	65.811	ng		99
82)	3,3'-Dichlorobenzidine	21.486	252	1684962	67.674	ng		99
83)	Chrysene	21.615	228	5186223	64.849	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.486	149	3602668	62.462	ng		96
85)	Di-n-octyl phthalate	22.433	149	5453346	60.702	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.591	276	5728749	67.788	ng		97
88)	Benzo(b)fluoranthene	23.280	252	4631960	68.079	ng		99
89)	Benzo(k)fluoranthene	23.327	252	5057493	67.971	ng		98
90)	Benzo(a)pyrene	23.921	252	4478138	68.631	ng		98
91)	Dibenzo(a,h)anthracene	26.603	278	4966665	68.073	ng		98
92)	Benzo(g,h,i)perylene	27.379	276	4268890	66.201	ng		98

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

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