Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042722\
Data File : BM034857.D
Acq On : 27 Apr 2022 17:35
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 28 01:12:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 01:07:19 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	242098	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	893005	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	518454	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	979149	20.000	ng		0.00
76) Chrysene-d12	21.486	240	857573	20.000	ng		0.00
86) Perylene-d12	23.874	264	823927	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	2050652	151.955	ng		0.00
7) Phenol-d6	7.104	99	2687913	139.112	ng		0.01
23) Nitrobenzene-d5	9.098	82	2628993	143.333	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	937923	134.217	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	5777840	152.287	ng		0.00
79) Terphenyl-d14	19.933	244	7324882	148.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	395749	64.815	ng		99
3) Pyridine	3.799	79	1155647m	69.944	ng		
4) n-Nitrosodimethylamine	3.710	42	603206	76.889	ng		99
6) Aniline	7.263	93	1544098	69.931	ng		100
8) 2-Chlorophenol	7.498	128	1151640	72.961	ng		98
9) Benzaldehyde	7.069	77	756370	72.659	ng		98
10) Phenol	7.128	94	1354517	70.486	ng		99
11) bis(2-Chloroethyl)ether	7.357	93	1038956	65.869	ng		100
12) 1,3-Dichlorobenzene	7.822	146	1287484	71.908	ng		99
13) 1,4-Dichlorobenzene	7.969	146	1315697	71.779	ng		100
14) 1,2-Dichlorobenzene	8.287	146	1256804	70.336	ng		99
15) Benzyl Alcohol	8.175	79	1024337	66.616	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.469	45	1599859	73.910	ng		99
17) 2-Methylphenol	8.375	107	940586	69.885	ng		100
18) Hexachloroethane	9.022	117	497786	73.632	ng		98
19) n-Nitroso-di-n-propyla...	8.751	70	872338	62.416	ng		99
20) 3+4-Methylphenols	8.710	107	1282530	68.902	ng		99
22) Acetophenone	8.757	105	1683171	73.447	ng	#	99
24) Nitrobenzene	9.139	77	1306454	76.291	ng		100
25) Isophorone	9.669	82	2213360	72.113	ng		99
26) 2-Nitrophenol	9.845	139	632184	83.246	ng		98
27) 2,4-Dimethylphenol	9.910	122	895572	75.313	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	1249171	63.569	ng		99
29) 2,4-Dichlorophenol	10.386	162	1081833	78.301	ng		99
30) 1,2,4-Trichlorobenzene	10.604	180	1192797	75.950	ng		99
31) Naphthalene	10.786	128	3570151	76.739	ng		100
32) Benzoic acid	10.086	122	802650	81.625	ng		97
33) 4-Chloroaniline	10.892	127	1456643	79.372	ng		99
34) Hexachlorobutadiene	11.086	225	749727	75.369	ng		100
35) Caprolactam	11.698	113	308720	64.279	ng		99
36) 4-Chloro-3-methylphenol	12.022	107	1079680	68.191	ng		99
37) 2-Methylnaphthalene	12.398	142	2468168	74.349	ng		100
38) 1-Methylnaphthalene	12.616	142	2410646	74.234	ng		99
40) 1,2,4,5-Tetrachloroben...	12.769	216	1269785	81.158	ng		99
41) Hexachlorocyclopentadiene	12.751	237	798973	88.194	ng		98
43) 2,4,6-Trichlorophenol	13.004	196	857417	79.377	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	929555	80.173	ng		98
46) 1,1'-Biphenyl	13.404	154	3122374	78.984	ng		99
47) 2-Chloronaphthalene	13.445	162	2442379	80.491	ng		99
48) 2-Nitroaniline	13.645	65	736768	79.422	ng		98
49) Acenaphthylene	14.292	152	3753293	79.361	ng		100
50) Dimethylphthalate	14.033	163	2975674	75.411	ng		99
51) 2,6-Dinitrotoluene	14.139	165	639267	78.985	ng		99
52) Acenaphthene	14.633	154	2528709m	79.379	ng		
53) 3-Nitroaniline	14.468	138	676928	83.364	ng		100
54) 2,4-Dinitrophenol	14.668	184	395336	87.181	ng		97
55) Dibenzofuran	14.968	168	3501688	73.761	ng		99
56) 4-Nitrophenol	14.768	139	546004	82.943	ng		99
57) 2,4-Dinitrotoluene	14.927	165	864715	79.040	ng		98
58) Fluorene	15.615	166	2926045	75.922	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	774187	74.048	ng		98
60) Diethylphthalate	15.392	149	3024417	74.707	ng		99
61) 4-Chlorophenyl-phenyle...	15.610	204	1446314	73.504	ng		96
62) 4-Nitroaniline	15.633	138	693237m	88.747	ng		
63) Azobenzene	15.904	77	2762670	70.768	ng		98
65) 4,6-Dinitro-2-methylph...	15.692	198	504468	79.234	ng		99
66) n-Nitrosodiphenylamine	15.821	169	2440939	78.468	ng		100
67) 4-Bromophenyl-phenylether	16.498	248	847193	75.266	ng		99
68) Hexachlorobenzene	16.621	284	924657	73.651	ng		95
69) Atrazine	16.774	200	812474	79.240	ng		100
70) Pentachlorophenol	16.957	266	606108	75.493	ng		98
71) Phenanthrene	17.351	178	4255448	77.605	ng		99
72) Anthracene	17.439	178	4190472	78.514	ng		99
73) Carbazole	17.709	167	3706851	74.471	ng		99
74) Di-n-butylphthalate	18.280	149	4918412	79.484	ng		99
75) Fluoranthene	19.362	202	4598252	74.804	ng		98
77) Benzidine	19.539	184	1906646	151.716	ng		100
78) Pyrene	19.727	202	4714454	78.027	ng		99
80) Butylbenzylphthalate	20.627	149	2156193	84.382	ng		96
81) Benzo(a)anthracene	21.468	228	4526891	83.635	ng		99
82) 3,3'-Dichlorobenzidine	21.403	252	1363385	75.415	ng		99
83) Chrysene	21.521	228	4305345	77.892	ng		99
84) Bis(2-ethylhexyl)phtha...	21.409	149	3202068	84.860	ng	#	98
85) Di-n-octyl phthalate	22.333	149	5246934	87.600	ng		100
87) Indeno(1,2,3-cd)pyrene	26.374	276	5095296	96.133	ng		99
88) Benzo(b)fluoranthene	23.150	252	4152453	84.281	ng		99
89) Benzo(k)fluoranthene	23.203	252	4307388	82.530	ng		99
90) Benzo(a)pyrene	23.774	252	3543085	84.829	ng		99
91) Dibenzo(a,h)anthracene	26.385	278	4264668	99.233	ng		99
92) Benzo(g,h,i)perylene	27.132	276	4075487	91.619	ng		99

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

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