Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035288.D
Acq On : 27 May 2022 14:21
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 27 15:09:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 14:48:48 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	140553	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	539082	20.000	ng		0.00
39) Acenaphthene-d10	14.516	164	338588	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	672834	20.000	ng		0.00
76) Chrysene-d12	21.439	240	602220	20.000	ng	#	0.00
86) Perylene-d12	23.809	264	592812	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	759258	104.402	ng		0.00
7) Phenol-d6	7.051	99	997007	98.743	ng		0.00
23) Nitrobenzene-d5	9.040	82	991328	106.005	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	435008	78.566	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	2429193	101.936	ng		0.00
79) Terphenyl-d14	19.880	244	3257739	105.937	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	151777	58.103	ng		94
3) Pyridine	3.758	79	404831m	54.177	ng		
4) n-Nitrosodimethylamine	3.669	42	202334	58.922	ng		93
6) Aniline	7.204	93	532519	48.506	ng		100
8) 2-Chlorophenol	7.446	128	422408	48.481	ng		95
9) Benzaldehyde	7.016	77	236465	42.422	ng		95
10) Phenol	7.081	94	486919	49.735	ng		99
11) bis(2-Chloroethyl)ether	7.304	93	369800	48.653	ng		96
12) 1,3-Dichlorobenzene	7.763	146	485435	49.300	ng		99
13) 1,4-Dichlorobenzene	7.910	146	495519	48.601	ng		99
14) 1,2-Dichlorobenzene	8.228	146	478714	47.371	ng		100
15) Benzyl Alcohol	8.122	79	366530	48.237	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.404	45	502896	52.821	ng		97
17) 2-Methylphenol	8.328	107	339040	47.200	ng		99
18) Hexachloroethane	8.957	117	173782	50.426	ng		89
19) n-Nitroso-di-n-propyla...	8.692	70	305220	46.700	ng		94
20) 3+4-Methylphenols	8.657	107	469175	46.439	ng		98
22) Acetophenone	8.704	105	633607	50.081	ng	#	96
24) Nitrobenzene	9.081	77	451300	52.898	ng		98
25) Isophorone	9.610	82	745135	48.342	ng		98
26) 2-Nitrophenol	9.792	139	244019	50.589	ng		95
27) 2,4-Dimethylphenol	9.857	122	328040	49.192	ng		94
28) bis(2-Chloroethoxy)met...	10.092	93	492537	48.506	ng		99
29) 2,4-Dichlorophenol	10.328	162	420703	48.053	ng		100
30) 1,2,4-Trichlorobenzene	10.539	180	488595	48.574	ng		97
31) Naphthalene	10.728	128	1293894	48.814	ng		100
32) Benzoic acid	10.034	122	292426	45.033	ng		98
33) 4-Chloroaniline	10.839	127	525412	46.748	ng		98
34) Hexachlorobutadiene	11.016	225	323448	48.538	ng		99
35) Caprolactam	11.639	113	115570	41.193	ng		92
36) 4-Chloro-3-methylphenol	11.975	107	414276	45.568	ng		100
37) 2-Methylnaphthalene	12.339	142	915379	45.998	ng		100
38) 1-Methylnaphthalene	12.557	142	892067	45.512	ng		99
40) 1,2,4,5-Tetrachloroben...	12.710	216	558153	51.854	ng	#	97
41) Hexachlorocyclopentadiene	12.692	237	292127	54.334	ng		98
43) 2,4,6-Trichlorophenol	12.951	196	365529	50.652	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	383748	48.947	ng		95
46) 1,1'-Biphenyl	13.351	154	1238727	51.283	ng		99
47) 2-Chloronaphthalene	13.392	162	962535	51.351	ng		99
48) 2-Nitroaniline	13.598	65	256781	53.421	ng		93
49) Acenaphthylene	14.233	152	1448779	49.959	ng		100
50) Dimethylphthalate	13.980	163	1170451	45.745	ng		98
51) 2,6-Dinitrotoluene	14.092	165	253238	47.143	ng		88
52) Acenaphthene	14.580	154	867889	49.286	ng		99
53) 3-Nitroaniline	14.422	138	252052	47.276	ng		96
54) 2,4-Dinitrophenol	14.633	184	163184	43.108	ng	#	86
55) Dibenzofuran	14.916	168	1445532	47.577	ng		97
56) 4-Nitrophenol	14.739	139	202583	44.622	ng		90
57) 2,4-Dinitrotoluene	14.880	165	337259	44.522	ng		93
58) Fluorene	15.563	166	1126517	46.054	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	338617	44.418	ng	#	88
60) Diethylphthalate	15.339	149	1136618	43.832	ng		98
61) 4-Chlorophenyl-phenyle...	15.557	204	616261	45.357	ng		93
62) 4-Nitroaniline	15.586	138	256350	44.933	ng		99
63) Azobenzene	15.851	77	966079	48.859	ng		94
65) 4,6-Dinitro-2-methylph...	15.645	198	228808	48.740	ng		93
66) n-Nitrosodiphenylamine	15.774	169	969815	51.968	ng		100
67) 4-Bromophenyl-phenylether	16.451	248	381090	49.064	ng		92
68) Hexachlorobenzene	16.568	284	415220	47.296	ng	#	90
69) Atrazine	16.727	200	319010	45.131	ng		96
70) Pentachlorophenol	16.915	266	256192	47.011	ng		98
71) Phenanthrene	17.298	178	1712690	49.334	ng		100
72) Anthracene	17.392	178	1690287	49.423	ng		100
73) Carbazole	17.663	167	1594662	48.161	ng		98
74) Di-n-butylphthalate	18.233	149	1774283	45.598	ng		99
75) Fluoranthene	19.315	202	1921274	44.285	ng		98
77) Benzidine	19.498	184	525511	55.656	ng		100
78) Pyrene	19.674	202	1988966	56.356	ng		100
80) Butylbenzylphthalate	20.580	149	743265	51.870	ng	#	90
81) Benzo(a)anthracene	21.427	228	1885871	50.202	ng		100
82) 3,3'-Dichlorobenzidine	21.356	252	472815	50.310	ng		99
83) Chrysene	21.480	228	1816222	50.653	ng		99
84) Bis(2-ethylhexyl)phtha...	21.356	149	1039883	48.238	ng	#	98
85) Di-n-octyl phthalate	22.274	149	1727221	46.944	ng		96
87) Indeno(1,2,3-cd)pyrene	26.262	276	2037615	51.974	ng		95
88) Benzo(b)fluoranthene	23.092	252	1799030	51.095	ng		99
89) Benzo(k)fluoranthene	23.139	252	1725154	49.241	ng		98
90) Benzo(a)pyrene	23.703	252	1489133	50.957	ng		98
91) Dibenzo(a,h)anthracene	26.280	278	1681878	51.244	ng		97
92) Benzo(g,h,i)perylene	27.015	276	1717585	54.436	ng	#	95

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

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