Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035323.D
Acq On : 31 May 2022 11:44
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 31 15:36:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:35:47 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	129442	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	462330	20.000	ng	#	0.00
39) Acenaphthene-d10	14.504	164	286651	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	579269	20.000	ng	#	0.00
76) Chrysene-d12	21.433	240	567111	20.000	ng	#	0.00
86) Perylene-d12	23.803	264	575695	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	555877	79.291	ng		0.00
7) Phenol-d6	7.045	99	709752	78.186	ng		0.00
23) Nitrobenzene-d5	9.028	82	687691	81.881	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	303484	81.610	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	1733456	83.860	ng		0.00
79) Terphenyl-d14	19.874	244	2451962	76.614	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	103122	37.559	ng		91
3) Pyridine	3.746	79	277876	38.901	ng		92
4) n-Nitrosodimethylamine	3.657	42	124221	35.706	ng	#	79
6) Aniline	7.192	93	383692	39.782	ng		97
8) 2-Chlorophenol	7.434	128	311477	39.482	ng		94
9) Benzaldehyde	7.004	77	172262	36.600	ng		95
10) Phenol	7.069	94	341190	38.566	ng		98
11) bis(2-Chloroethyl)ether	7.292	93	272340	39.382	ng		93
12) 1,3-Dichlorobenzene	7.757	146	364323	39.955	ng		96
13) 1,4-Dichlorobenzene	7.898	146	372683	40.019	ng		99
14) 1,2-Dichlorobenzene	8.216	146	360921	39.932	ng		98
15) Benzyl Alcohol	8.110	79	257472	39.877	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.404	45	341944	36.791	ng		94
17) 2-Methylphenol	8.322	107	245471	39.572	ng		97
18) Hexachloroethane	8.945	117	126974	39.803	ng	#	89
19) n-Nitroso-di-n-propyla...	8.681	70	211943	37.856	ng		89
20) 3+4-Methylphenols	8.651	107	336437	39.623	ng		98
22) Acetophenone	8.692	105	450765	40.970	ng	#	94
24) Nitrobenzene	9.069	77	313428	40.462	ng		95
25) Isophorone	9.598	82	528523	41.578	ng		96
26) 2-Nitrophenol	9.780	139	175698	43.958	ng		92
27) 2,4-Dimethylphenol	9.851	122	233754	41.755	ng		100
28) bis(2-Chloroethoxy)met...	10.080	93	356620	41.486	ng		98
29) 2,4-Dichlorophenol	10.322	162	309280	43.866	ng		98
30) 1,2,4-Trichlorobenzene	10.533	180	365277	43.397	ng		98
31) Naphthalene	10.716	128	920768	40.872	ng		100
32) Benzoic acid	10.016	122	193708	38.952	ng		97
33) 4-Chloroaniline	10.827	127	368558	41.304	ng		97
34) Hexachlorobutadiene	11.004	225	238755	43.351	ng		99
35) Caprolactam	11.627	113	81709	42.234	ng		91
36) 4-Chloro-3-methylphenol	11.969	107	285415	40.747	ng		100
37) 2-Methylnaphthalene	12.327	142	642484	40.446	ng		98
38) 1-Methylnaphthalene	12.551	142	628137	40.451	ng		98
40) 1,2,4,5-Tetrachloroben...	12.704	216	403339	43.939	ng	#	96
41) Hexachlorocyclopentadiene	12.680	237	192497	37.554	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	259624	43.401	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.021	196	274999	43.217	ng		94
46) 1,1'-Biphenyl	13.339	154	878979	41.617	ng		99
47) 2-Chloronaphthalene	13.380	162	684435	41.794	ng		98
48) 2-Nitroaniline	13.586	65	174026	42.589	ng		93
49) Acenaphthylene	14.227	152	1021198	41.823	ng		99
50) Dimethylphthalate	13.968	163	830654	40.862	ng		99
51) 2,6-Dinitrotoluene	14.086	165	174747	41.875	ng	#	84
52) Acenaphthene	14.568	154	601838	40.474	ng		99
53) 3-Nitroaniline	14.415	138	174843	42.291	ng		92
54) 2,4-Dinitrophenol	14.627	184	111202	41.720	ng	#	84
55) Dibenzofuran	14.904	168	1012197	40.417	ng		96
56) 4-Nitrophenol	14.739	139	131336	41.205	ng		93
57) 2,4-Dinitrotoluene	14.874	165	237352	42.402	ng		89
58) Fluorene	15.557	166	795537	40.742	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	234816	41.694	ng	#	86
60) Diethylphthalate	15.333	149	804088	40.484	ng		97
61) 4-Chlorophenyl-phenyle...	15.551	204	445235	41.880	ng		90
62) 4-Nitroaniline	15.580	138	181556	43.480	ng		97
63) Azobenzene	15.839	77	667560	39.727	ng		94
65) 4,6-Dinitro-2-methylph...	15.645	198	161814	44.539	ng		86
66) n-Nitrosodiphenylamine	15.762	169	686498	41.148	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	275490	42.534	ng		91
68) Hexachlorobenzene	16.562	284	299445	41.502	ng	#	88
69) Atrazine	16.721	200	239859	43.194	ng		96
70) Pentachlorophenol	16.909	266	168005	40.315	ng		99
71) Phenanthrene	17.292	178	1225648	41.182	ng		99
72) Anthracene	17.386	178	1205513	41.495	ng		100
73) Carbazole	17.656	167	1146824	41.509	ng		98
74) Di-n-butylphthalate	18.221	149	1322258	41.248	ng		99
75) Fluoranthene	19.309	202	1428536	40.980	ng		97
77) Benzidine	19.492	184	492792	42.897	ng		100
78) Pyrene	19.674	202	1471102	39.539	ng		99
80) Butylbenzylphthalate	20.574	149	598553	42.061	ng	#	88
81) Benzo(a)anthracene	21.421	228	1459922	40.708	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	383253	43.164	ng	#	99
83) Chrysene	21.474	228	1384621	40.901	ng		99
84) Bis(2-ethylhexyl)phtha...	21.350	149	843302	41.914	ng	#	97
85) Di-n-octyl phthalate	22.262	149	1424360	42.672	ng		95
87) Indeno(1,2,3-cd)pyrene	26.256	276	1642422	41.873	ng	#	95
88) Benzo(b)fluoranthene	23.086	252	1417625m	40.816	ng		
89) Benzo(k)fluoranthene	23.133	252	1341794	39.102	ng		98
90) Benzo(a)pyrene	23.697	252	1183355	41.107	ng	#	97
91) Dibenzo(a,h)anthracene	26.268	278	1361083	41.774	ng		96
92) Benzo(g,h,i)perylene	27.003	276	1348989	41.513	ng	#	95

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

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