Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036053.D
Acq On : 02 Aug 2022 15:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 03 00:52:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

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Supervised By :Jagrut Upadhyay

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08/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	308976	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1474833	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	999633	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	2147822	20.000	ng		0.00
76) Chrysene-d12	21.433	240	2170607	20.000	ng		0.00
86) Perylene-d12	23.797	264	2210851	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1443889	75.764	ng		0.00
7) Phenol-d6	7.040	99	2019806	83.292	ng		0.00
23) Nitrobenzene-d5	9.039	82	1991460	75.585	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	947423	80.790	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	4763478	70.357	ng		0.00
79) Terphenyl-d14	19.874	244	7894034	71.734	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	276560	36.013	ng	#	92
3) Pyridine	3.704	79	811749	39.419	ng		90
4) n-Nitrosodimethylamine	3.622	42	337365	39.867	ng	#	66
6) Aniline	7.198	93	1155265	43.021	ng		96
8) 2-Chlorophenol	7.434	128	818329	40.273	ng		96
9) Benzaldehyde	7.010	77	500348	38.974	ng		93
10) Phenol	7.063	94	1020603	41.799	ng		91
11) bis(2-Chloroethyl)ether	7.298	93	822627	40.898	ng		97
12) 1,3-Dichlorobenzene	7.757	146	864869	38.410	ng		98
13) 1,4-Dichlorobenzene	7.904	146	893571	38.914	ng		98
14) 1,2-Dichlorobenzene	8.222	146	866732	39.119	ng		98
15) Benzyl Alcohol	8.116	79	723993	44.491	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1134994	42.437	ng		97
17) 2-Methylphenol	8.316	107	696451	43.089	ng		96
18) Hexachloroethane	8.945	117	325123	39.332	ng		94
19) n-Nitroso-di-n-propyla...	8.686	70	683523	46.405	ng		89
20) 3+4-Methylphenols	8.651	107	984479	44.832	ng		96
22) Acetophenone	8.698	105	1337944	38.323	ng	#	93
24) Nitrobenzene	9.081	77	936985	37.829	ng		98
25) Isophorone	9.610	82	1785615	41.660	ng		98
26) 2-Nitrophenol	9.792	139	464939	39.798	ng		91
27) 2,4-Dimethylphenol	9.851	122	716785	39.607	ng		98
28) bis(2-Chloroethoxy)met...	10.092	93	1190571	38.989	ng		99
29) 2,4-Dichlorophenol	10.322	162	804387	39.525	ng		100
30) 1,2,4-Trichlorobenzene	10.539	180	841771	36.499	ng		97
31) Naphthalene	10.728	128	2741322	37.386	ng		99
32) Benzoic acid	10.004	122	660318	46.029	ng		93
33) 4-Chloroaniline	10.839	127	1203110	40.713	ng		96
34) Hexachlorobutadiene	11.004	225	486170	35.874	ng		99
35) Caprolactam	11.645	113	299395	47.760	ng		94
36) 4-Chloro-3-methylphenol	11.969	107	913408	42.700	ng		99
37) 2-Methylnaphthalene	12.333	142	1935763	39.672	ng		98
38) 1-Methylnaphthalene	12.557	142	1901592	39.796	ng		98
40) 1,2,4,5-Tetrachloroben...	12.704	216	936368	34.551	ng		99
41) Hexachlorocyclopentadiene	12.680	237	573862	39.981	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	693746	37.619	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	740165	38.022	ng	98
46) 1,1'-Biphenyl	13.345	154	2596341	35.639	ng	99
47) 2-Chloronaphthalene	13.386	162	1973090	35.387	ng	99
48) 2-Nitroaniline	13.598	65	619436	40.766	ng	92
49) Acenaphthylene	14.233	152	3215312	37.306	ng	100
50) Dimethylphthalate	13.974	163	2619222	38.530	ng	100
51) 2,6-Dinitrotoluene	14.092	165	546202	40.046	ng	93
52) Acenaphthene	14.574	154	2137251m	37.908	ng	
53) 3-Nitroaniline	14.421	138	660914	41.533	ng	96
54) 2,4-Dinitrophenol	14.627	184	345599	47.883	ng	91
55) Dibenzofuran	14.904	168	3134807	37.130	ng	99
56) 4-Nitrophenol	14.727	139	589012	46.253	ng	86
57) 2,4-Dinitrotoluene	14.880	165	756021	42.289	ng	98
58) Fluorene	15.551	166	2518501	37.816	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	661238	40.099	ng	97
60) Diethylphthalate	15.333	149	2768732	39.633	ng	100
61) 4-Chlorophenyl-phenyle...	15.551	204	1251140	37.675	ng	96
62) 4-Nitroaniline	15.586	138	714141	43.623	ng	90
63) Azobenzene	15.845	77	2631219	39.620	ng	93
65) 4,6-Dinitro-2-methylph...	15.639	198	447772	40.773	ng	94
66) n-Nitrosodiphenylamine	15.768	169	2200304	36.289	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	785009	36.540	ng	94
68) Hexachlorobenzene	16.551	284	898963	36.469	ng	92
69) Atrazine	16.721	200	704184	41.506	ng	98
70) Pentachlorophenol	16.898	266	644124	44.617	ng	99
71) Phenanthrene	17.292	178	4001780	36.571	ng	99
72) Anthracene	17.380	178	3950140	37.287	ng	99
73) Carbazole	17.656	167	4096825	38.167	ng	99
74) Di-n-butylphthalate	18.221	149	5035568	39.299	ng	99
75) Fluoranthene	19.303	202	4743949	38.730	ng	97
77) Benzidine	19.492	184	2008487	61.700	ng	99
78) Pyrene	19.668	202	4883876	36.285	ng	98
80) Butylbenzylphthalate	20.568	149	2310158	39.766	ng	99
81) Benzo(a)anthracene	21.415	228	4940001	36.949	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1311126	40.387	ng	100
83) Chrysene	21.468	228	4675436	36.788	ng	99
84) Bis(2-ethylhexyl)phtha...	21.344	149	3389078	38.669	ng	99
85) Di-n-octyl phthalate	22.262	149	5666788	39.618	ng	96
87) Indeno(1,2,3-cd)pyrene	26.262	276	5644065	36.327	ng	98
88) Benzo(b)fluoranthene	23.074	252	4748237	36.657	ng	99
89) Benzo(k)fluoranthene	23.127	252	4926445	37.656	ng	99
90) Benzo(a)pyrene	23.691	252	4083865	37.577	ng	99
91) Dibenzo(a,h)anthracene	26.279	278	4743080	36.471	ng	99
92) Benzo(g,h,i)perylene	27.021	276	4553929	36.171	ng	99

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

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