Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022522\
Data File : BM034076.D
Acq On : 25 Feb 2022 14:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 26 04:01:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 26 03:45:21 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/28/2022
Supervised By :Jagrut Upadhyay 02/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.001	152	205315	20.000	ng		0.00
21) Naphthalene-d8	10.819	136	783563	20.000	ng	#	0.00
39) Acenaphthene-d10	14.642	164	538226	20.000	ng		0.00
64) Phenanthrene-d10	17.377	188	1157511	20.000	ng	#	0.00
76) Chrysene-d12	21.553	240	1140061	20.000	ng	#	0.00
86) Perylene-d12	24.000	264	1138179	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.548	112	926383	80.432	ng		0.00
7) Phenol-d6	7.154	99	1168662	77.271	ng		0.00
23) Nitrobenzene-d5	9.166	82	1164620	80.209	ng		0.00
42) 2,4,6-Tribromophenol	16.124	330	592847	90.756	ng		0.00
45) 2-Fluorobiphenyl	13.272	172	3180069	78.718	ng		0.00
79) Terphenyl-d14	19.995	244	5118077	78.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.413	88	172917	39.049	ng		87
3) Pyridine	3.819	79	498070m	40.037	ng		
4) n-Nitrosodimethylamine	3.731	42	257013	41.302	ng	#	79
6) Aniline	7.319	93	637194	38.128	ng		92
8) 2-Chlorophenol	7.566	128	513873	39.881	ng	#	82
9) Benzaldehyde	7.131	77	276901	32.613	ng		85
10) Phenol	7.184	94	570532	38.352	ng		92
11) bis(2-Chloroethyl)ether	7.419	93	435322	36.674	ng		89
12) 1,3-Dichlorobenzene	7.895	146	605378	39.969	ng	#	93
13) 1,4-Dichlorobenzene	8.037	146	619207	39.998	ng		92
14) 1,2-Dichlorobenzene	8.360	146	602050	39.846	ng		95
15) Benzyl Alcohol	8.237	79	455927	39.093	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.537	45	504956	31.994	ng		93
17) 2-Methylphenol	8.442	107	404825	38.635	ng		95
18) Hexachloroethane	9.095	117	205963	38.874	ng	#	86
19) n-Nitroso-di-n-propyla...	8.819	70	358429	36.665	ng	#	90
20) 3+4-Methylphenols	8.772	107	554169	38.302	ng		95
22) Acetophenone	8.825	105	747088	39.473	ng	#	92
24) Nitrobenzene	9.207	77	534197	39.519	ng	#	89
25) Isophorone	9.742	82	907883	38.737	ng	#	92
26) 2-Nitrophenol	9.925	139	285765	44.868	ng	#	78
27) 2,4-Dimethylphenol	9.983	122	410851	39.928	ng		92
28) bis(2-Chloroethoxy)met...	10.225	93	576450	36.375	ng	#	98
29) 2,4-Dichlorophenol	10.460	162	532830	41.880	ng		94
30) 1,2,4-Trichlorobenzene	10.683	180	618550	41.414	ng		98
31) Naphthalene	10.872	128	1584358	39.356	ng		99
32) Benzoic acid	10.119	122	356144	45.700	ng	#	84
33) 4-Chloroaniline	10.972	127	651553	39.528	ng	#	89
34) Hexachlorobutadiene	11.166	225	397416	41.878	ng		97
35) Caprolactam	11.748	113	154713	60.325	ng	#	59
36) 4-Chloro-3-methylphenol	12.089	107	512192	40.886	ng	#	83
37) 2-Methylnaphthalene	12.477	142	1163195	39.604	ng		97
38) 1-Methylnaphthalene	12.695	142	1138071	39.741	ng		99
40) 1,2,4,5-Tetrachloroben...	12.842	216	696686	40.487	ng	#	97
41) Hexachlorocyclopentadiene	12.830	237	398543	39.649	ng		98
43) 2,4,6-Trichlorophenol	13.077	196	483105	44.397	ng		99

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44) 2,4,5-Trichlorophenol	13.148	196	515859	46.666	ng	#	90
46) 1,1'-Biphenyl	13.477	154	1594231	38.768	ng		96
47) 2-Chloronaphthalene	13.519	162	1251025	38.960	ng		95
48) 2-Nitroaniline	13.713	65	319183	41.856	ng	#	74
49) Acenaphthylene	14.366	152	1917783	39.852	ng		99
50) Dimethylphthalate	14.095	163	1616500	40.511	ng		99
51) 2,6-Dinitrotoluene	14.207	165	336047	42.560	ng	#	80
52) Acenaphthene	14.707	154	1305369	41.052	ng		99
53) 3-Nitroaniline	14.536	138	343086	43.442	ng	#	76
54) 2,4-Dinitrophenol	14.736	184	230230	53.901	ng	#	78
55) Dibenzofuran	15.036	168	1974941	39.762	ng		99
56) 4-Nitrophenol	14.830	139	291293	45.632	ng	#	82
57) 2,4-Dinitrotoluene	14.989	165	463605	45.151	ng	#	76
58) Fluorene	15.683	166	1622255	40.630	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.260	232	474134	43.788	ng	#	88
60) Diethylphthalate	15.460	149	1606809	40.269	ng		99
61) 4-Chlorophenyl-phenyle...	15.677	204	869298	40.656	ng		94
62) 4-Nitroaniline	15.695	138	367050	44.783	ng		87
63) Azobenzene	15.971	77	1305648	37.669	ng		92
65) 4,6-Dinitro-2-methylph...	15.754	198	318893	47.002	ng	#	69
66) n-Nitrosodiphenylamine	15.889	169	1395098	38.498	ng		98
67) 4-Bromophenyl-phenylether	16.571	248	507998	38.849	ng		91
68) Hexachlorobenzene	16.689	284	607083	40.294	ng		92
69) Atrazine	16.836	200	504748	42.106	ng		97
70) Pentachlorophenol	17.030	266	408777	44.911	ng		99
71) Phenanthrene	17.424	178	2532992	39.450	ng		99
72) Anthracene	17.512	178	2506416	40.114	ng		99
73) Carbazole	17.777	167	2397644	40.754	ng		99
74) Di-n-butylphthalate	18.348	149	2696726	40.295	ng		99
75) Fluoranthene	19.430	202	2965486	42.039	ng		96
77) Benzidine	19.606	184	887536	41.803	ng		99
78) Pyrene	19.795	202	3035857	38.774	ng		99
80) Butylbenzylphthalate	20.689	149	1169932	39.239	ng	#	85
81) Benzo(a)anthracene	21.536	228	2952038	39.796	ng		98
82) 3,3'-Dichlorobenzidine	21.465	252	1080209	43.118	ng	#	99
83) Chrysene	21.589	228	2825236	39.871	ng		100
84) Bis(2-ethylhexyl)phtha...	21.465	149	1691054	37.129	ng		97
85) Di-n-octyl phthalate	22.412	149	2663818	36.902	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.577	276	3356702	41.482	ng	#	94
88) Benzo(b)fluoranthene	23.253	252	2898130	40.632	ng	#	98
89) Benzo(k)fluoranthene	23.306	252	2748753	38.631	ng	#	97
90) Benzo(a)pyrene	23.894	252	2381549	40.632	ng	#	98
91) Dibenzo(a,h)anthracene	26.594	278	2800667	41.154	ng		96
92) Benzo(g,h,i)perylene	27.359	276	2730340	41.415	ng		96

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

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