Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022422\
Data File : BM034064.D
Acq On : 24 Feb 2022 11:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 25 01:09:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 17:55:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/25/2022
Supervised By :mohammad ahmed 02/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	186848	20.000	ng	-0.01
21) Naphthalene-d8	10.831	136	722206	20.000	ng	# 0.00
39) Acenaphthene-d10	14.648	164	462797	20.000	ng	0.00
64) Phenanthrene-d10	17.389	188	940000	20.000	ng	# 0.00
76) Chrysene-d12	21.559	240	918873	20.000	ng	0.00
86) Perylene-d12	24.012	264	934788	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	837591	79.910	ng	0.00
7) Phenol-d6	7.166	99	1072924	77.952	ng	0.00
23) Nitrobenzene-d5	9.178	82	1076139	80.412	ng	0.00
42) 2,4,6-Tribromophenol	16.130	330	504645	89.845	ng	0.00
45) 2-Fluorobiphenyl	13.277	172	2823143	81.273	ng	-0.01
79) Terphenyl-d14	20.001	244	4104224	77.778	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.425	88	147930	36.708	ng	86
3) Pyridine	3.831	79	428413	37.841	ng	87
4) n-Nitrosodimethylamine	3.737	42	226177	39.939	ng	# 81
6) Aniline	7.331	93	585714	38.511	ng	92
8) 2-Chlorophenol	7.572	128	472768	40.317	ng	83
9) Benzaldehyde	7.143	77	266320m	34.467	ng	
10) Phenol	7.190	94	525605	38.824	ng	95
11) bis(2-Chloroethyl)ether	7.431	93	403832	37.384	ng	89
12) 1,3-Dichlorobenzene	7.901	146	552151	40.058	ng	# 94
13) 1,4-Dichlorobenzene	8.048	146	567293	40.266	ng	93
14) 1,2-Dichlorobenzene	8.372	146	551729	40.125	ng	95
15) Benzyl Alcohol	8.248	79	417055	39.295	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.542	45	489385	34.072	ng	95
17) 2-Methylphenol	8.454	107	373672	39.186	ng	93
18) Hexachloroethane	9.107	117	192954	40.018	ng	# 86
19) n-Nitroso-di-n-propyla...	8.825	70	334387	37.587	ng	# 92
20) 3+4-Methylphenols	8.778	107	506316	38.453	ng	95
22) Acetophenone	8.837	105	687086	39.387	ng	# 92
24) Nitrobenzene	9.219	77	494996	39.730	ng	# 86
25) Isophorone	9.748	82	825932	38.234	ng	# 93
26) 2-Nitrophenol	9.931	139	257410	43.850	ng	# 78
27) 2,4-Dimethylphenol	9.995	122	372034	39.227	ng	93
28) bis(2-Chloroethoxy)met...	10.231	93	541322	37.060	ng	97
29) 2,4-Dichlorophenol	10.472	162	476229	40.612	ng	94
30) 1,2,4-Trichlorobenzene	10.689	180	555773	40.372	ng	97
31) Naphthalene	10.878	128	1459495	39.334	ng	99
32) Benzoic acid	10.113	122	310212	43.188	ng	# 83
33) 4-Chloroaniline	10.978	127	598593	39.401	ng	# 90
34) Hexachlorobutadiene	11.178	225	360177	41.178	ng	98
35) Caprolactam	11.754	113	131885	55.793	ng	# 64
36) 4-Chloro-3-methylphenol	12.101	107	454519	39.364	ng	# 83
37) 2-Methylnaphthalene	12.483	142	1042530	38.511	ng	97
38) 1-Methylnaphthalene	12.701	142	1021451	38.699	ng	100
40) 1,2,4,5-Tetrachloroben...	12.854	216	611405	41.322	ng	# 97
41) Hexachlorocyclopentadiene	12.842	237	354873	41.058	ng	100
43) 2,4,6-Trichlorophenol	13.083	196	417927	44.667	ng	100

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44) 2,4,5-Trichlorophenol	13.154	196	441049	46.401	ng	#	91
46) 1,1'-Biphenyl	13.489	154	1410168	39.881	ng		97
47) 2-Chloronaphthalene	13.530	162	1111296	40.249	ng		95
48) 2-Nitroaniline	13.719	65	282847	43.136	ng	#	78
49) Acenaphthylene	14.371	152	1679383	40.586	ng		99
50) Dimethylphthalate	14.107	163	1355781	39.515	ng		98
51) 2,6-Dinitrotoluene	14.213	165	287155	42.295	ng	#	83
52) Acenaphthene	14.713	154	1118562	40.911	ng		99
53) 3-Nitroaniline	14.542	138	290468	42.773	ng		80
54) 2,4-Dinitrophenol	14.742	184	176534	48.537	ng	#	79
55) Dibenzofuran	15.048	168	1699326	39.789	ng		98
56) 4-Nitrophenol	14.836	139	243760	44.409	ng	#	80
57) 2,4-Dinitrotoluene	14.995	165	382839	43.362	ng	#	78
58) Fluorene	15.695	166	1374680	40.041	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.266	232	393132	42.225	ng		90
60) Diethylphthalate	15.466	149	1338653	39.017	ng		99
61) 4-Chlorophenyl-phenyle...	15.689	204	724212	39.391	ng		94
62) 4-Nitroaniline	15.701	138	311303	44.172	ng		85
63) Azobenzene	15.977	77	1136291	38.126	ng		93
65) 4,6-Dinitro-2-methylph...	15.760	198	246778	44.789	ng	#	70
66) n-Nitrosodiphenylamine	15.895	169	1176310	39.971	ng		98
67) 4-Bromophenyl-phenylether	16.577	248	442489	41.670	ng		95
68) Hexachlorobenzene	16.701	284	496610	40.589	ng	#	89
69) Atrazine	16.842	200	409510	42.066	ng		96
70) Pentachlorophenol	17.036	266	326655	44.193	ng		96
71) Phenanthrene	17.430	178	2091615	40.114	ng		99
72) Anthracene	17.524	178	2062145	40.640	ng		99
73) Carbazole	17.783	167	1975879	41.356	ng		99
74) Di-n-butylphthalate	18.359	149	2178973	40.093	ng		99
75) Fluoranthene	19.442	202	2384438	41.624	ng		97
77) Benzidine	19.618	184	831180	48.572	ng		99
78) Pyrene	19.801	202	2453894	38.885	ng		99
80) Butylbenzylphthalate	20.695	149	947282	39.419	ng		88
81) Benzo(a)anthracene	21.542	228	2393034	40.026	ng		98
82) 3,3'-Dichlorobenzidine	21.471	252	883538	43.757	ng		97
83) Chrysene	21.600	228	2275427	39.842	ng		100
84) Bis(2-ethylhexyl)phtha...	21.477	149	1353749	36.878	ng	#	98
85) Di-n-octyl phthalate	22.424	149	2171135	37.317	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.588	276	2748110	41.351	ng	#	95
88) Benzo(b)fluoranthene	23.265	252	2272412	38.791	ng		98
89) Benzo(k)fluoranthene	23.318	252	2334414	39.946	ng	#	96
90) Benzo(a)pyrene	23.906	252	1949092	40.489	ng		98
91) Dibenzo(a,h)anthracene	26.612	278	2277537	40.749	ng		96
92) Benzo(g,h,i)perylene	27.382	276	2222022	41.038	ng		96

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

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