Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034046.D
Acq On : 23 Feb 2022 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 23 11:38:08 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 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	203951	20.000	ng		0.00
21) Naphthalene-d8	10.836	136	832115	20.000	ng	#	0.00
39) Acenaphthene-d10	14.654	164	568203	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	1116516	20.000	ng	#	0.00
76) Chrysene-d12	21.565	240	1036209	20.000	ng		0.00
86) Perylene-d12	24.024	264	1038601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	886344	77.470	ng		0.00
7) Phenol-d6	7.166	99	1169954	77.873	ng		0.00
23) Nitrobenzene-d5	9.184	82	1232930	79.959	ng		0.00
42) 2,4,6-Tribromophenol	16.136	330	524600	76.072	ng		0.00
45) 2-Fluorobiphenyl	13.283	172	3432419	80.482	ng		0.00
79) Terphenyl-d14	20.006	244	4687831	78.778	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	162741	36.997	ng		90
3) Pyridine	3.837	79	475673	38.492	ng		90
4) n-Nitrosodimethylamine	3.743	42	258198	41.770	ng		83
6) Aniline	7.337	93	639740	38.536	ng		93
8) 2-Chlorophenol	7.578	128	512360	40.029	ng		85
9) Benzaldehyde	7.142	77	298193	35.355	ng		89
10) Phenol	7.195	94	575289	38.930	ng		93
11) bis(2-Chloroethyl)ether	7.431	93	455123	38.599	ng		91
12) 1,3-Dichlorobenzene	7.907	146	593992m	39.480	ng		
13) 1,4-Dichlorobenzene	8.054	146	610135	39.675	ng		95
14) 1,2-Dichlorobenzene	8.378	146	598351	39.867	ng		95
15) Benzyl Alcohol	8.254	79	463880	40.041	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.554	45	592377	37.784	ng		94
17) 2-Methylphenol	8.454	107	414859	39.857	ng		96
18) Hexachloroethane	9.113	117	213896	40.642	ng	#	84
19) n-Nitroso-di-n-propyla...	8.831	70	387685	39.923	ng	#	93
20) 3+4-Methylphenols	8.784	107	569537	39.628	ng		95
22) Acetophenone	8.842	105	776782	38.647	ng	#	93
24) Nitrobenzene	9.225	77	568999	39.638	ng	#	90
25) Isophorone	9.754	82	946231	38.018	ng	#	94
26) 2-Nitrophenol	9.936	139	276891	40.938	ng	#	81
27) 2,4-Dimethylphenol	9.995	122	426935	39.070	ng		91
28) bis(2-Chloroethoxy)met...	10.236	93	649171	38.573	ng		97
29) 2,4-Dichlorophenol	10.478	162	548618	40.605	ng		95
30) 1,2,4-Trichlorobenzene	10.695	180	643684	40.582	ng		97
31) Naphthalene	10.889	128	1683272	39.373	ng		99
32) Benzoic acid	10.125	122	316290	38.218	ng	#	83
33) 4-Chloroaniline	10.983	127	683796	39.064	ng	#	90
34) Hexachlorobutadiene	11.183	225	418207	41.497	ng		98
35) Caprolactam	11.760	113	110917	40.725	ng	#	69
36) 4-Chloro-3-methylphenol	12.101	107	525865	39.528	ng		86
37) 2-Methylnaphthalene	12.489	142	1240564	39.774	ng		97
38) 1-Methylnaphthalene	12.707	142	1216595	40.004	ng		99
40) 1,2,4,5-Tetrachloroben...	12.854	216	739244	40.694	ng	#	97
41) Hexachlorocyclopentadiene	12.848	237	453551	42.740	ng		99
43) 2,4,6-Trichlorophenol	13.089	196	472816	41.159	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	488783	41.884	ng	#	91
46) 1,1'-Biphenyl	13.495	154	1723478	39.699	ng		97
47) 2-Chloronaphthalene	13.536	162	1344503	39.662	ng		95
48) 2-Nitroaniline	13.724	65	329726	40.957	ng	#	80
49) Acenaphthylene	14.377	152	2004680	39.460	ng		99
50) Dimethylphthalate	14.107	163	1615989	38.361	ng		99
51) 2,6-Dinitrotoluene	14.219	165	334194	40.092	ng	#	83
52) Acenaphthene	14.718	154	1338419	39.871	ng		99
53) 3-Nitroaniline	14.542	138	330091	39.591	ng		80
54) 2,4-Dinitrophenol	14.748	184	167783	38.557	ng	#	79
55) Dibenzofuran	15.048	168	2062776	39.339	ng		98
56) 4-Nitrophenol	14.836	139	261187	38.757	ng	#	82
57) 2,4-Dinitrotoluene	15.001	165	431843	39.839	ng	#	80
58) Fluorene	15.695	166	1669250	39.601	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.271	232	457325	40.007	ng		92
60) Diethylphthalate	15.471	149	1609522	38.209	ng		99
61) 4-Chlorophenyl-phenyle...	15.695	204	901718	39.947	ng		93
62) 4-Nitroaniline	15.701	138	347126	40.118	ng		84
63) Azobenzene	15.983	77	1454987	39.763	ng		93
65) 4,6-Dinitro-2-methylph...	15.765	198	265321	40.542	ng	#	70
66) n-Nitrosodiphenylamine	15.901	169	1408704	40.300	ng		98
67) 4-Bromophenyl-phenylether	16.583	248	494545	39.209	ng		95
68) Hexachlorobenzene	16.701	284	582415	40.076	ng		92
69) Atrazine	16.848	200	471614	40.787	ng		96
70) Pentachlorophenol	17.042	266	361554	41.181	ng		98
71) Phenanthrene	17.436	178	2472433	39.921	ng		99
72) Anthracene	17.524	178	2424480	40.227	ng		99
73) Carbazole	17.789	167	2245801	39.575	ng		98
74) Di-n-butylphthalate	18.365	149	2555118	39.581	ng		99
75) Fluoranthene	19.442	202	2693581	39.587	ng		97
77) Benzidine	19.618	184	920626	47.707	ng		99
78) Pyrene	19.806	202	2770096	38.925	ng		99
80) Butylbenzylphthalate	20.700	149	1051311	38.794	ng		89
81) Benzo(a)anthracene	21.547	228	2707522	40.158	ng		99
82) 3,3'-Dichlorobenzidine	21.477	252	933955	41.016	ng		99
83) Chrysene	21.600	228	2561178	39.767	ng		100
84) Bis(2-ethylhexyl)phtha...	21.483	149	1606279	38.802	ng		99
85) Di-n-octyl phthalate	22.436	149	2584932	39.398	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.600	276	3031748	41.059	ng		97
88) Benzo(b)fluoranthene	23.277	252	2591498	39.816	ng		98
89) Benzo(k)fluoranthene	23.324	252	2570689	39.592	ng		98
90) Benzo(a)pyrene	23.918	252	2154899	40.290	ng		99
91) Dibenzo(a,h)anthracene	26.624	278	2536317	40.843	ng		97
92) Benzo(g,h,i)perylene	27.394	276	2469258	41.046	ng		98

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

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