Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100422\
Data File : BM036825.D
Acq On : 04 Oct 2022 10:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 22:03:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 03:17:03 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	385765	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	1647715	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	977594	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	1789544	20.000	ng		0.00
76) Chrysene-d12	21.509	240	1490583	20.000	ng		0.00
86) Perylene-d12	23.921	264	1356614	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1797772	82.707	ng		0.00
7) Phenol-d6	7.134	99	2530481	82.878	ng		0.00
23) Nitrobenzene-d5	9.145	82	2562901	83.196	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	687936	89.724	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	5440689	85.814	ng		0.00
79) Terphenyl-d14	19.951	244	6416160	85.762	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	368125	39.305	ng		99
3) Pyridine	3.810	79	1136454m	39.311	ng		
4) n-Nitrosodimethylamine	3.716	42	491399	39.162	ng		100
6) Aniline	7.304	93	1577500	40.691	ng		99
8) 2-Chlorophenol	7.534	128	1078549	41.584	ng		98
9) Benzaldehyde	7.110	77	751491	38.427	ng		98
10) Phenol	7.163	94	1429099	40.865	ng		100
11) bis(2-Chloroethyl)ether	7.398	93	1152809	40.357	ng		98
12) 1,3-Dichlorobenzene	7.863	146	1159278	40.796	ng		99
13) 1,4-Dichlorobenzene	8.010	146	1184506	40.674	ng		99
14) 1,2-Dichlorobenzene	8.328	146	1142132	40.943	ng		99
15) Benzyl Alcohol	8.216	79	961875	40.433	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1604111	38.448	ng		98
17) 2-Methylphenol	8.416	107	936574	41.017	ng		99
18) Hexachloroethane	9.057	117	440192	40.974	ng		98
19) n-Nitroso-di-n-propyla...	8.793	70	937627	40.428	ng		98
20) 3+4-Methylphenols	8.751	107	1298592	41.371	ng		99
22) Acetophenone	8.804	105	1692738	40.929	ng	#	98
24) Nitrobenzene	9.187	77	1337074	41.042	ng		99
25) Isophorone	9.716	82	2343312	41.146	ng		98
26) 2-Nitrophenol	9.892	139	528642	41.147	ng		99
27) 2,4-Dimethylphenol	9.951	122	893680	42.408	ng		100
28) bis(2-Chloroethoxy)met...	10.192	93	1412384	40.998	ng		100
29) 2,4-Dichlorophenol	10.428	162	975473	43.840	ng		97
30) 1,2,4-Trichlorobenzene	10.645	180	1016924	42.445	ng		99
31) Naphthalene	10.834	128	3687879	41.429	ng		100
32) Benzoic acid	10.104	122	681405	39.005	ng		97
33) 4-Chloroaniline	10.945	127	1479208	41.338	ng		98
34) Hexachlorobutadiene	11.116	225	560920	42.809	ng		99
35) Caprolactam	11.751	113	297850	38.790	ng		97
36) 4-Chloro-3-methylphenol	12.063	107	1098705	42.002	ng		98
37) 2-Methylnaphthalene	12.439	142	2499320	41.798	ng		99
38) 1-Methylnaphthalene	12.657	142	2450781	41.878	ng		99
40) 1,2,4,5-Tetrachloroben...	12.798	216	1032289	43.015	ng		99
41) Hexachlorocyclopentadiene	12.780	237	521709	44.381	ng		99
43) 2,4,6-Trichlorophenol	13.039	196	728106	44.253	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	803233	43.859	ng	97
46) 1,1'-Biphenyl	13.439	154	3010564	41.772	ng	100
47) 2-Chloronaphthalene	13.486	162	2312625	41.785	ng	99
48) 2-Nitroaniline	13.686	65	733891	38.410	ng	98
49) Acenaphthylene	14.327	152	3766059	42.018	ng	100
50) Dimethylphthalate	14.069	163	2839379	41.187	ng	99
51) 2,6-Dinitrotoluene	14.180	165	586336	42.566	ng	99
52) Acenaphthene	14.669	154	2290850	41.129	ng	99
53) 3-Nitroaniline	14.510	138	689893	41.718	ng	98
54) 2,4-Dinitrophenol	14.710	184	287887	38.654	ng	97
55) Dibenzofuran	14.998	168	3491053	41.397	ng	98
56) 4-Nitrophenol	14.810	139	522595	39.530	ng	99
57) 2,4-Dinitrotoluene	14.963	165	767016	38.974	ng	99
58) Fluorene	15.645	166	2900284	41.978	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.222	232	657553	43.413	ng	97
60) Diethylphthalate	15.422	149	2960248	41.401	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	1298865	43.018	ng	96
62) 4-Nitroaniline	15.669	138	708393	38.623	ng	99
63) Azobenzene	15.933	77	3221169	40.507	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	383100	40.033	ng	99
66) n-Nitrosodiphenylamine	15.857	169	2373596	42.930	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	732972	44.416	ng	95
68) Hexachlorobenzene	16.645	284	803107	43.948	ng	94
69) Atrazine	16.804	200	682195	44.789	ng	97
70) Pentachlorophenol	16.986	266	500120	44.592	ng	98
71) Phenanthrene	17.380	178	4201671	41.937	ng	100
72) Anthracene	17.474	178	4070567	42.608	ng	100
73) Carbazole	17.739	167	3727262	41.800	ng	100
74) Di-n-butylphthalate	18.304	149	4965497	44.468	ng	100
75) Fluoranthene	19.392	202	4392988	42.616	ng	98
77) Benzidine	19.574	184	1312118	41.956	ng	100
78) Pyrene	19.751	202	4516699	40.238	ng	100
80) Butylbenzylphthalate	20.645	149	1987554	38.538	ng	98
81) Benzo(a)anthracene	21.498	228	4028993	41.615	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1210196	46.048	ng	99
83) Chrysene	21.551	228	3882726	41.637	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	3111198	41.338	ng	99
85) Di-n-octyl phthalate	22.350	149	4866620	41.688	ng	97
87) Indeno(1,2,3-cd)pyrene	26.438	276	4021563	44.888	ng	98
88) Benzo(b)fluoranthene	23.186	252	3494625	40.650	ng	99
89) Benzo(k)fluoranthene	23.239	252	3734718	42.222	ng	99
90) Benzo(a)pyrene	23.815	252	2928222	42.352	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	3371145	45.169	ng	99
92) Benzo(g,h,i)perylene	27.203	276	3261900	45.016	ng	98

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

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