Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036093.D
Acq On : 04 Aug 2022 11:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 03:38:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	305084	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1352706	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	846036	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	1712868	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1590141	20.000	ng		0.00
86) Perylene-d12	23.786	264	1585911	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1472641	78.258	ng		0.00
7) Phenol-d6	7.034	99	1926023	80.438	ng		0.00
23) Nitrobenzene-d5	9.028	82	1822860	75.433	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	777485	78.335	ng		0.00
45) 2-Fluorobiphenyl	13.127	172	4149955	72.424	ng		0.00
79) Terphenyl-d14	19.868	244	6152182	76.313	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	279643	36.879	ng		93
3) Pyridine	3.699	79	776838m	38.205	ng		
4) n-Nitrosodimethylamine	3.610	42	319232	38.205	ng	#	62
6) Aniline	7.187	93	1056813	39.857	ng		97
8) 2-Chlorophenol	7.422	128	797184	39.733	ng		95
9) Benzaldehyde	6.998	77	477966	37.706	ng		96
10) Phenol	7.057	94	964961	40.025	ng		91
11) bis(2-Chloroethyl)ether	7.287	93	786667	39.610	ng		96
12) 1,3-Dichlorobenzene	7.745	146	869400	39.104	ng		98
13) 1,4-Dichlorobenzene	7.892	146	879782	38.802	ng		99
14) 1,2-Dichlorobenzene	8.210	146	855614	39.110	ng		99
15) Benzyl Alcohol	8.104	79	661827	41.189	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.398	45	1062100	40.218	ng		97
17) 2-Methylphenol	8.310	107	646042	40.480	ng		95
18) Hexachloroethane	8.934	117	324243	39.726	ng		94
19) n-Nitroso-di-n-propyla...	8.675	70	607862	41.794	ng		88
20) 3+4-Methylphenols	8.639	107	897948	41.413	ng		96
22) Acetophenone	8.692	105	1209260	37.765	ng	#	91
24) Nitrobenzene	9.069	77	856987	37.723	ng		98
25) Isophorone	9.598	82	1543546	39.264	ng		98
26) 2-Nitrophenol	9.781	139	436693	40.755	ng		91
27) 2,4-Dimethylphenol	9.845	122	643253	38.753	ng		98
28) bis(2-Chloroethoxy)met...	10.081	93	1064118	37.994	ng		99
29) 2,4-Dichlorophenol	10.316	162	726968	38.945	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	791661	37.425	ng		99
31) Naphthalene	10.716	128	2504912	37.246	ng		100
32) Benzoic acid	9.992	122	541519	41.156	ng		94
33) 4-Chloroaniline	10.833	127	1036885	38.256	ng		96
34) Hexachlorobutadiene	10.992	225	464746	37.389	ng		98
35) Caprolactam	11.639	113	242504	42.178	ng		91
36) 4-Chloro-3-methylphenol	11.957	107	774494	39.475	ng		100
37) 2-Methylnaphthalene	12.327	142	1711569	38.244	ng		97
38) 1-Methylnaphthalene	12.545	142	1662180	37.926	ng		99
40) 1,2,4,5-Tetrachloroben...	12.692	216	838464	36.555	ng		99
41) Hexachlorocyclopentadiene	12.669	237	466603	38.410	ng		97
43) 2,4,6-Trichlorophenol	12.939	196	598021	38.316	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	629173	38.188	ng	98
46) 1,1'-Biphenyl	13.339	154	2255552	36.582	ng	99
47) 2-Chloronaphthalene	13.380	162	1708706	36.209	ng	99
48) 2-Nitroaniline	13.586	65	504404	39.222	ng	95
49) Acenaphthylene	14.221	152	2703822	37.066	ng	100
50) Dimethylphthalate	13.969	163	2148297	37.340	ng	98
51) 2,6-Dinitrotoluene	14.086	165	449301	38.922	ng	91
52) Acenaphthene	14.563	154	1777965m	37.261	ng	
53) 3-Nitroaniline	14.416	138	525976	39.054	ng	92
54) 2,4-Dinitrophenol	14.621	184	265678	43.492	ng	89
55) Dibenzofuran	14.898	168	2640880	36.958	ng	98
56) 4-Nitrophenol	14.721	139	431361	40.023	ng	88
57) 2,4-Dinitrotoluene	14.868	165	606616	40.092	ng	97
58) Fluorene	15.545	166	2082687	36.949	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.121	232	541653	38.810	ng	97
60) Diethylphthalate	15.327	149	2253212	38.110	ng	99
61) 4-Chlorophenyl-phenyle...	15.539	204	1053503	37.483	ng	96
62) 4-Nitroaniline	15.574	138	556233	40.146	ng	91
63) Azobenzene	15.833	77	2137346	38.026	ng	93
65) 4,6-Dinitro-2-methylph...	15.627	198	373080	42.598	ng	94
66) n-Nitrosodiphenylamine	15.757	169	1781813	36.849	ng	99
67) 4-Bromophenyl-phenylether	16.433	248	636130	37.129	ng	96
68) Hexachlorobenzene	16.539	284	723982	36.828	ng	94
69) Atrazine	16.709	200	553267	40.892	ng	99
70) Pentachlorophenol	16.892	266	455206	39.538	ng	98
71) Phenanthrene	17.280	178	3180603	36.448	ng	99
72) Anthracene	17.374	178	3133719	37.092	ng	99
73) Carbazole	17.645	167	3161341	36.931	ng	99
74) Di-n-butylphthalate	18.215	149	4013196	39.273	ng	99
75) Fluoranthene	19.298	202	3618352	37.042	ng	98
77) Benzidine	19.492	184	933914	39.162	ng	99
78) Pyrene	19.662	202	3720298	37.730	ng	99
80) Butylbenzylphthalate	20.562	149	1776149	41.735	ng	99
81) Benzo(a)anthracene	21.409	228	3625548	37.017	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	955282	40.168	ng	100
83) Chrysene	21.462	228	3426418	36.802	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	2665015	41.508	ng	99
85) Di-n-octyl phthalate	22.256	149	4353220	41.545	ng	95
87) Indeno(1,2,3-cd)pyrene	26.244	276	4047720	36.319	ng	99
88) Benzo(b)fluoranthene	23.068	252	3469876	37.344	ng	99
89) Benzo(k)fluoranthene	23.115	252	3406354	36.297	ng	99
90) Benzo(a)pyrene	23.680	252	2895880	37.146	ng	98
91) Dibenzo(a,h)anthracene	26.262	278	3413861	36.594	ng	99
92) Benzo(g,h,i)perylene	26.997	276	3276343	36.278	ng	99

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

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