Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
Data File : BF130546.D
Acq On : 06 Oct 2022 12:17
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

Quant Time: Oct 07 02:08:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 02:06:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.616	152	86300	20.000	ng		0.00
21) Naphthalene-d8	7.904	136	324236	20.000	ng	#	0.00
39) Acenaphthene-d10	9.651	164	173514	20.000	ng		0.00
64) Phenanthrene-d10	11.133	188	277258	20.000	ng	#	0.00
76) Chrysene-d12	13.763	240	131932	20.000	ng		0.00
86) Perylene-d12	15.145	264	142063	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.216	112	398374	80.066	ng		0.00
7) Phenol-d6	6.269	99	499400	80.217	ng		0.00
23) Nitrobenzene-d5	7.192	82	501874	79.078	ng		0.00
42) 2,4,6-Tribromophenol	10.439	330	139414	83.853	ng		0.00
45) 2-Fluorobiphenyl	8.981	172	955877	80.221	ng		0.00
79) Terphenyl-d14	12.716	244	721840	90.632	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.193	88	82049	35.906	ng		97
3) Pyridine	2.857	79	220627	37.012	ng		96
4) n-Nitrosodimethylamine	2.828	42	111452	34.377	ng		96
6) Aniline	6.287	93	297462	38.779	ng	#	80
8) 2-Chlorophenol	6.404	128	231654	40.871	ng		95
9) Benzaldehyde	6.169	77	157752	37.828	ng		96
10) Phenol	6.281	94	285725	39.163	ng	#	73
11) bis(2-Chloroethyl)ether	6.363	93	209292	39.771	ng		95
12) 1,3-Dichlorobenzene	6.557	146	251722	40.362	ng		98
13) 1,4-Dichlorobenzene	6.634	146	258148	40.591	ng		100
14) 1,2-Dichlorobenzene	6.787	146	243015	40.904	ng		98
15) Benzyl Alcohol	6.775	79	187455	37.977	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.898	45	272868	35.552	ng		74
17) 2-Methylphenol	6.887	107	187113	40.611	ng		98
18) Hexachloroethane	7.128	117	100335	40.024	ng		98
19) n-Nitroso-di-n-propyla...	7.045	70	161631	38.475	ng		93
20) 3+4-Methylphenols	7.045	107	248537	41.524	ng	#	64
22) Acetophenone	7.040	105	321113	40.508	ng	#	93
24) Nitrobenzene	7.210	77	250096	38.809	ng		96
25) Isophorone	7.451	82	408931	39.977	ng		97
26) 2-Nitrophenol	7.522	139	123609	46.791	ng		94
27) 2,4-Dimethylphenol	7.569	122	169750	41.733	ng		98
28) bis(2-Chloroethoxy)met...	7.663	93	236076	40.986	ng		99
29) 2,4-Dichlorophenol	7.769	162	193097	43.321	ng		95
30) 1,2,4-Trichlorobenzene	7.845	180	204968	42.532	ng		97
31) Naphthalene	7.928	128	693079	41.491	ng		99
32) Benzoic acid	7.710	122	96379m	30.640	ng		
33) 4-Chloroaniline	7.981	127	273729	43.086	ng		98
34) Hexachlorobutadiene	8.039	225	128284	41.653	ng		99
35) Caprolactam	8.363	113	54932	42.988	ng		88
36) 4-Chloro-3-methylphenol	8.469	107	209651	42.434	ng		95
37) 2-Methylnaphthalene	8.616	142	447397	42.007	ng		100
38) 1-Methylnaphthalene	8.710	142	431946	42.218	ng		100
40) 1,2,4,5-Tetrachloroben...	8.781	216	195269	41.237	ng		98
41) Hexachlorocyclopentadiene	8.763	237	98708	38.935	ng		99
43) 2,4,6-Trichlorophenol	8.898	196	131773	39.873	ng		96

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44) 2,4,5-Trichlorophenol	8.939	196	144778	40.597	ng		97
46) 1,1'-Biphenyl	9.081	154	520733	40.184	ng		98
47) 2-Chloronaphthalene	9.104	162	423783	40.426	ng		97
48) 2-Nitroaniline	9.204	65	133434	38.164	ng		99
49) Acenaphthylene	9.516	152	634584	40.375	ng		99
50) Dimethylphthalate	9.386	163	498091	41.557	ng		99
51) 2,6-Dinitrotoluene	9.451	165	107820	43.014	ng	#	83
52) Acenaphthene	9.686	154	410776m	39.777	ng		
53) 3-Nitroaniline	9.622	138	116539	41.724	ng		87
54) 2,4-Dinitrophenol	9.728	184	45650	37.202	ng		86
55) Dibenzofuran	9.857	168	578031	40.242	ng		99
56) 4-Nitrophenol	9.792	139	78675	38.673	ng	#	83
57) 2,4-Dinitrotoluene	9.851	165	138043	43.091	ng		96
58) Fluorene	10.198	166	471333	40.123	ng		100
59) 2,3,4,6-Tetrachlorophenol	9.980	232	110983	39.760	ng		92
60) Diethylphthalate	10.081	149	477579	39.735	ng		99
61) 4-Chlorophenyl-phenyle...	10.192	204	210307	40.811	ng		99
62) 4-Nitroaniline	10.233	138	106734m	38.039	ng		
63) Azobenzene	10.351	77	460157	37.180	ng		99
65) 4,6-Dinitro-2-methylph...	10.257	198	70627	45.760	ng		100
66) n-Nitrosodiphenylamine	10.316	169	390712	42.170	ng		100
67) 4-Bromophenyl-phenylether	10.680	248	133611	43.684	ng		97
68) Hexachlorobenzene	10.739	284	152158	43.886	ng		94
69) Atrazine	10.845	200	104884	38.737	ng		96
70) Pentachlorophenol	10.945	266	70030	37.635	ng		98
71) Phenanthrene	11.157	178	627273	40.297	ng		99
72) Anthracene	11.210	178	612705	40.787	ng		99
73) Carbazole	11.369	167	518660	38.257	ng		98
74) Di-n-butylphthalate	11.704	149	618305	37.821	ng		99
75) Fluoranthene	12.339	202	550172	36.576	ng		98
77) Benzidine	12.469	184	113516	29.640	ng		99
78) Pyrene	12.563	202	533268	46.204	ng		99
80) Butylbenzylphthalate	13.192	149	173252	40.521	ng		99
81) Benzo(a)anthracene	13.751	228	362445	41.296	ng		98
82) 3,3'-Dichlorobenzidine	13.721	252	108597	45.455	ng		98
83) Chrysene	13.786	228	343544	41.224	ng		99
84) Bis(2-ethylhexyl)phtha...	13.751	149	204891	41.836	ng		99
85) Di-n-octyl phthalate	14.363	149	357072	47.669	ng		97
87) Indeno(1,2,3-cd)pyrene	16.457	276	477040	47.352	ng		98
88) Benzo(b)fluoranthene	14.763	252	363507	39.203	ng		97
89) Benzo(k)fluoranthene	14.786	252	332495	36.453	ng		100
90) Benzo(a)pyrene	15.092	252	304356	41.432	ng		97
91) Dibenzo(a,h)anthracene	16.474	278	389708	47.155	ng		98
92) Benzo(g,h,i)perylene	16.851	276	400167	48.067	ng		99

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

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