Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
Data File : BF130596.D
Acq On : 10 Oct 2022 10:42
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 13:41:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 13:41:25 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/11/2022
Supervised By :Jagrut Upadhyay 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.604	152	94691	20.000	ng		0.00
21) Naphthalene-d8	7.892	136	362631	20.000	ng	#	0.00
39) Acenaphthene-d10	9.639	164	187975	20.000	ng		0.00
64) Phenanthrene-d10	11.116	188	290720	20.000	ng		0.00
76) Chrysene-d12	13.751	240	152786	20.000	ng		0.00
86) Perylene-d12	15.127	264	160241	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.204	112	476987	87.370	ng		0.00
7) Phenol-d6	6.257	99	567177	83.031	ng		0.00
23) Nitrobenzene-d5	7.181	82	556523	78.405	ng		0.00
42) 2,4,6-Tribromophenol	10.427	330	147997	82.168	ng		0.00
45) 2-Fluorobiphenyl	8.969	172	1047014	81.109	ng		0.00
79) Terphenyl-d14	12.698	244	764434	82.879	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.169	88	131321	52.376	ng		97
3) Pyridine	2.834	79	284812	43.546	ng		92
4) n-Nitrosodimethylamine	2.799	42	127582	35.865	ng	#	79
6) Aniline	6.275	93	339113	40.291	ng	#	84
8) 2-Chlorophenol	6.392	128	263707	42.404	ng		94
9) Benzaldehyde	6.157	77	171390	37.457	ng		94
10) Phenol	6.269	94	325959	40.718	ng	#	76
11) bis(2-Chloroethyl)ether	6.351	93	241014	41.741	ng		94
12) 1,3-Dichlorobenzene	6.545	146	289375	42.288	ng		96
13) 1,4-Dichlorobenzene	6.628	146	298344	42.754	ng		97
14) 1,2-Dichlorobenzene	6.775	146	274095	42.048	ng		98
15) Benzyl Alcohol	6.763	79	201405	37.187	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.892	45	311997	37.048	ng		90
17) 2-Methylphenol	6.875	107	217426	43.008	ng		98
18) Hexachloroethane	7.116	117	109456	39.793	ng		96
19) n-Nitroso-di-n-propyla...	7.034	70	179082	38.852	ng		90
20) 3+4-Methylphenols	7.034	107	281129	42.807	ng	#	61
22) Acetophenone	7.028	105	355306	40.076	ng	#	91
24) Nitrobenzene	7.198	77	281286	39.028	ng		94
25) Isophorone	7.439	82	464580	40.609	ng		98
26) 2-Nitrophenol	7.510	139	140866	47.678	ng		89
27) 2,4-Dimethylphenol	7.557	122	197705	43.459	ng		95
28) bis(2-Chloroethoxy)met...	7.651	93	275482	42.764	ng		100
29) 2,4-Dichlorophenol	7.757	162	219142	43.958	ng		95
30) 1,2,4-Trichlorobenzene	7.833	180	229925	42.659	ng		97
31) Naphthalene	7.910	128	790381	42.306	ng		99
32) Benzoic acid	7.698	122	114014	32.409	ng		92
33) 4-Chloroaniline	7.969	127	305234	42.958	ng		98
34) Hexachlorobutadiene	8.028	225	143608	41.691	ng		99
35) Caprolactam	8.345	113	62981	44.069	ng	#	85
36) 4-Chloro-3-methylphenol	8.457	107	228216	41.301	ng		99
37) 2-Methylnaphthalene	8.604	142	510156	42.828	ng		98
38) 1-Methylnaphthalene	8.698	142	492213	43.015	ng		99
40) 1,2,4,5-Tetrachloroben...	8.769	216	217520	42.402	ng		97
41) Hexachlorocyclopentadiene	8.751	237	88495	32.221	ng		98
43) 2,4,6-Trichlorophenol	8.886	196	147585	41.222	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.928	196	162883	42.160	ng		98
46) 1,1'-Biphenyl	9.069	154	581671	41.433	ng		98
47) 2-Chloronaphthalene	9.086	162	476968	42.000	ng		98
48) 2-Nitroaniline	9.192	65	143693	37.936	ng		93
49) Acenaphthylene	9.504	152	709332	41.658	ng		99
50) Dimethylphthalate	9.375	163	535659	41.254	ng		99
51) 2,6-Dinitrotoluene	9.439	165	119771	44.106	ng	#	74
52) Acenaphthene	9.675	154	462300m	41.323	ng		
53) 3-Nitroaniline	9.604	138	128218	42.373	ng		96
54) 2,4-Dinitrophenol	9.716	184	52743	39.259	ng		87
55) Dibenzofuran	9.845	168	635022	40.809	ng		96
56) 4-Nitrophenol	9.780	139	75156	34.101	ng	#	77
57) 2,4-Dinitrotoluene	9.839	165	144626	41.673	ng		95
58) Fluorene	10.186	166	515227	40.486	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.969	232	122153	40.395	ng		91
60) Diethylphthalate	10.069	149	516472	39.665	ng		99
61) 4-Chlorophenyl-phenyle...	10.180	204	232073	41.570	ng		98
62) 4-Nitroaniline	10.216	138	116812m	38.428	ng		
63) Azobenzene	10.339	77	503383	37.544	ng		95
65) 4,6-Dinitro-2-methylph...	10.245	198	73724	45.555	ng		96
66) n-Nitrosodiphenylamine	10.304	169	424646	43.711	ng		100
67) 4-Bromophenyl-phenylether	10.669	248	146219	45.592	ng		93
68) Hexachlorobenzene	10.727	284	162458	44.687	ng		95
69) Atrazine	10.833	200	112237	39.533	ng		95
70) Pentachlorophenol	10.933	266	74101	37.979	ng		99
71) Phenanthrene	11.145	178	688544	42.184	ng		100
72) Anthracene	11.192	178	673719	42.772	ng		100
73) Carbazole	11.357	167	565710	39.796	ng		99
74) Di-n-butylphthalate	11.686	149	667791	38.956	ng		99
75) Fluoranthene	12.327	202	601945	38.165	ng		98
77) Benzidine	12.457	184	198935	44.853	ng		99
78) Pyrene	12.551	202	579209	43.335	ng		100
80) Butylbenzylphthalate	13.180	149	208014	42.010	ng		96
81) Benzo(a)anthracene	13.739	228	432268	42.529	ng		99
82) 3,3'-Dichlorobenzidine	13.710	252	143191	51.754	ng		98
83) Chrysene	13.774	228	419613	43.480	ng		100
84) Bis(2-ethylhexyl)phtha...	13.739	149	263550	46.468	ng		98
85) Di-n-octyl phthalate	14.351	149	432197	49.822	ng		96
87) Indeno(1,2,3-cd)pyrene	16.433	276	553782	48.734	ng		100
88) Benzo(b)fluoranthene	14.745	252	395171	37.783	ng		100
89) Benzo(k)fluoranthene	14.774	252	411755	40.022	ng		99
90) Benzo(a)pyrene	15.074	252	355453	42.898	ng		99
91) Dibenzo(a,h)anthracene	16.445	278	455367	48.849	ng		97
92) Benzo(g,h,i)perylene	16.827	276	465404	49.561	ng		98

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

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