Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101222\
Data File : BF130622.D
Acq On : 12 Oct 2022 10:22
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 13 05:37:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/13/2022
Supervised By :Jagrut Upadhyay 10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.587	152	85956	20.000	ng		0.00
21) Naphthalene-d8	7.875	136	318490	20.000	ng		0.00
39) Acenaphthene-d10	9.622	164	171337	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	291541	20.000	ng		0.00
76) Chrysene-d12	13.727	240	174332	20.000	ng		0.00
86) Perylene-d12	15.098	264	147726	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.181	112	394459	82.720	ng		0.00
7) Phenol-d6	6.240	99	487521	81.315	ng		0.00
23) Nitrobenzene-d5	7.163	82	483957	82.952	ng		0.00
42) 2,4,6-Tribromophenol	10.410	330	151851	90.575	ng		0.00
45) 2-Fluorobiphenyl	8.951	172	975409	86.233	ng		0.00
79) Terphenyl-d14	12.680	244	925391	88.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.152	88	93287	32.336	ng		99
3) Pyridine	2.805	79	210083	40.709	ng		97
4) n-Nitrosodimethylamine	2.775	42	102588	42.192	ng		95
6) Aniline	6.257	93	293807	40.932	ng		96
8) 2-Chlorophenol	6.375	128	231456	41.274	ng		99
9) Benzaldehyde	6.140	77	143838	38.186	ng		99
10) Phenol	6.251	94	280010	40.364	ng		99
11) bis(2-Chloroethyl)ether	6.334	93	202216	40.130	ng		100
12) 1,3-Dichlorobenzene	6.528	146	256770	41.818	ng		99
13) 1,4-Dichlorobenzene	6.604	146	262007	42.062	ng		99
14) 1,2-Dichlorobenzene	6.757	146	240384	41.436	ng		99
15) Benzyl Alcohol	6.745	79	182165	42.320	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.875	45	258662	39.899	ng		98
17) 2-Methylphenol	6.863	107	184588	41.380	ng		97
18) Hexachloroethane	7.098	117	96675	41.025	ng		98
19) n-Nitroso-di-n-propyla...	7.016	70	155269	40.141	ng		98
20) 3+4-Methylphenols	7.016	107	237293	39.698	ng		99
22) Acetophenone	7.010	105	313093	40.980	ng		99
24) Nitrobenzene	7.181	77	242424	41.319	ng		99
25) Isophorone	7.422	82	400080	41.203	ng		99
26) 2-Nitrophenol	7.493	139	121648	42.279	ng	#	86
27) 2,4-Dimethylphenol	7.540	122	167598	41.793	ng		99
28) bis(2-Chloroethoxy)met...	7.634	93	231540	41.182	ng		98
29) 2,4-Dichlorophenol	7.740	162	191457	42.672	ng		97
30) 1,2,4-Trichlorobenzene	7.816	180	209025	43.213	ng		98
31) Naphthalene	7.893	128	688699	41.774	ng		99
32) Benzoic acid	7.687	122	92293m	36.379	ng		
33) 4-Chloroaniline	7.951	127	264145	41.360	ng		99
34) Hexachlorobutadiene	8.010	225	134150	44.685	ng		99
35) Caprolactam	8.334	113	56795	42.072	ng		99
36) 4-Chloro-3-methylphenol	8.440	107	203154	41.743	ng		93
37) 2-Methylnaphthalene	8.587	142	451352	43.504	ng		99
38) 1-Methylnaphthalene	8.681	142	434048	43.096	ng		99
40) 1,2,4,5-Tetrachloroben...	8.751	216	200021	43.028	ng		98
41) Hexachlorocyclopentadiene	8.734	237	62685	40.849	ng		99
43) 2,4,6-Trichlorophenol	8.869	196	134009	42.934	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	149392	43.523	ng		97
46) 1,1'-Biphenyl	9.051	154	520947	41.954	ng		99
47) 2-Chloronaphthalene	9.069	162	432792	42.646	ng		99
48) 2-Nitroaniline	9.175	65	128375	42.022	ng		91
49) Acenaphthylene	9.481	152	640147	42.099	ng		99
50) Dimethylphthalate	9.357	163	506012	42.664	ng		99
51) 2,6-Dinitrotoluene	9.422	165	109585	42.121	ng		96
52) Acenaphthene	9.657	154	393269	42.688	ng		100
53) 3-Nitroaniline	9.592	138	121137	42.477	ng		97
54) 2,4-Dinitrophenol	9.698	184	49274	39.830	ng	#	86
55) Dibenzofuran	9.828	168	597214	42.553	ng		99
56) 4-Nitrophenol	9.763	139	70459	44.809	ng		98
57) 2,4-Dinitrotoluene	9.822	165	144873	43.327	ng		95
58) Fluorene	10.169	166	492212	42.659	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.951	232	119724	43.750	ng		98
60) Diethylphthalate	10.051	149	493436	41.698	ng		99
61) 4-Chlorophenyl-phenyle...	10.163	204	225251	43.181	ng		98
62) 4-Nitroaniline	10.204	138	112272	41.234	ng		96
63) Azobenzene	10.322	77	446184	40.032	ng		98
65) 4,6-Dinitro-2-methylph...	10.234	198	79189	43.465	ng		98
66) n-Nitrosodiphenylamine	10.286	169	402340	41.488	ng		99
67) 4-Bromophenyl-phenylether	10.651	248	145372	44.069	ng		96
68) Hexachlorobenzene	10.710	284	163514	43.849	ng		97
69) Atrazine	10.816	200	119082	45.094	ng		99
70) Pentachlorophenol	10.910	266	63799	43.959	ng		97
71) Phenanthrene	11.122	178	683398	42.309	ng		99
72) Anthracene	11.175	178	667657	42.323	ng		99
73) Carbazole	11.339	167	585796	41.616	ng		99
74) Di-n-butylphthalate	11.669	149	726668	42.617	ng		100
75) Fluoranthene	12.304	202	660944	42.575	ng		98
77) Benzidine	12.439	184	165207	37.492	ng		98
78) Pyrene	12.533	202	649470	43.184	ng		100
80) Butylbenzylphthalate	13.163	149	253067	43.759	ng		95
81) Benzo(a)anthracene	13.716	228	490644	41.769	ng		100
82) 3,3'-Dichlorobenzidine	13.686	252	143715	42.338	ng		99
83) Chrysene	13.757	228	469666	42.170	ng		99
84) Bis(2-ethylhexyl)phtha...	13.716	149	312688	44.599	ng	#	97
85) Di-n-octyl phthalate	14.327	149	465777	43.378	ng		100
87) Indeno(1,2,3-cd)pyrene	16.386	276	515312	46.606	ng		98
88) Benzo(b)fluoranthene	14.721	252	398444	42.595	ng		99
89) Benzo(k)fluoranthene	14.751	252	405615	42.585	ng		97
90) Benzo(a)pyrene	15.045	252	328939	42.251	ng		98
91) Dibenzo(a,h)anthracene	16.398	278	427183	47.134	ng		100
92) Benzo(g,h,i)perylene	16.774	276	428549	50.768	ng		97

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

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