Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128367.D
Acq On : 20 May 2022 16:38
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 02:38:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 21 05:28:09 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	107780	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	425206	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	218379	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	418939	20.000	ng		0.00
76) Chrysene-d12	14.045	240	257746	20.000	ng		0.00
86) Perylene-d12	15.527	264	213954	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	574723	84.858	ng		0.00
7) Phenol-d6	6.498	99	721534	80.905	ng		0.00
23) Nitrobenzene-d5	7.433	82	718013	75.659	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	179287	79.607	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1042302	78.053	ng		0.00
79) Terphenyl-d14	12.980	244	1003305	75.144	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	139334	41.999	ng		98
3) Pyridine	3.410	79	372009	43.298	ng		98
4) n-Nitrosodimethylamine	3.387	42	178499	43.671	ng		96
6) Aniline	6.528	93	418281	41.006	ng		98
8) 2-Chlorophenol	6.645	128	274086	39.581	ng		98
9) Benzaldehyde	6.416	77	204269	48.755	ng		95
10) Phenol	6.510	94	381390	40.214	ng		93
11) bis(2-Chloroethyl)ether	6.598	93	286972	40.544	ng		97
12) 1,3-Dichlorobenzene	6.798	146	329116	42.324	ng		96
13) 1,4-Dichlorobenzene	6.875	146	312621	39.619	ng		97
14) 1,2-Dichlorobenzene	7.028	146	289701	39.596	ng		98
15) Benzyl Alcohol	7.004	79	270964	41.041	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	440222	42.176	ng		89
17) 2-Methylphenol	7.116	107	241691	41.562	ng		98
18) Hexachloroethane	7.363	117	121623	41.608	ng		92
19) n-Nitroso-di-n-propyla...	7.275	70	207869	38.972	ng		96
20) 3+4-Methylphenols	7.269	107	275378	39.332	ng	#	83
22) Acetophenone	7.275	105	373580	36.089	ng	#	87
24) Nitrobenzene	7.451	77	333290	37.522	ng		98
25) Isophorone	7.686	82	560708	38.554	ng		99
26) 2-Nitrophenol	7.763	139	154445	40.122	ng		98
27) 2,4-Dimethylphenol	7.798	122	209262	37.337	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	340945	37.092	ng		99
29) 2,4-Dichlorophenol	8.004	162	232027	38.193	ng		99
30) 1,2,4-Trichlorobenzene	8.080	180	264023	38.272	ng		98
31) Naphthalene	8.163	128	821060	39.624	ng		100
32) Benzoic acid	7.939	122	177199m	44.404	ng		
33) 4-Chloroaniline	8.222	127	328257	39.589	ng		99
34) Hexachlorobutadiene	8.275	225	177670	39.765	ng		98
35) Caprolactam	8.604	113	75845m	38.678	ng		
36) 4-Chloro-3-methylphenol	8.704	107	252883	38.412	ng		99
37) 2-Methylnaphthalene	8.857	142	499255	36.746	ng		100
38) 1-Methylnaphthalene	8.957	142	473608	36.239	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	250291	39.306	ng		99
41) Hexachlorocyclopentadiene	8.998	237	75047	37.533	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	165354	41.144	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	171375	40.088	ng		99
46) 1,1'-Biphenyl	9.322	154	648263	41.082	ng		99
47) 2-Chloronaphthalene	9.351	162	463855	39.629	ng		99
48) 2-Nitroaniline	9.451	65	175556	41.399	ng		95
49) Acenaphthylene	9.763	152	693139	39.576	ng		100
50) Dimethylphthalate	9.622	163	554424	39.855	ng		100
51) 2,6-Dinitrotoluene	9.692	165	125850	41.366	ng		94
52) Acenaphthene	9.939	154	440330	40.036	ng		99
53) 3-Nitroaniline	9.869	138	148540	43.374	ng		95
54) 2,4-Dinitrophenol	9.980	184	65642	42.543	ng		97
55) Dibenzofuran	10.110	168	651192	39.053	ng		99
56) 4-Nitrophenol	10.033	139	85625	43.471	ng		98
57) 2,4-Dinitrotoluene	10.098	165	155351	40.529	ng	#	71
58) Fluorene	10.451	166	512020	39.180	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	154739	44.067	ng		99
60) Diethylphthalate	10.321	149	543387	40.537	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	256437	39.817	ng		96
62) 4-Nitroaniline	10.486	138	135880m	39.204	ng		
63) Azobenzene	10.604	77	608287	40.498	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	102860	39.948	ng		100
66) n-Nitrosodiphenylamine	10.563	169	460335	37.955	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	174006	39.688	ng		96
68) Hexachlorobenzene	10.998	284	187984	39.434	ng		99
69) Atrazine	11.092	200	155571	39.077	ng		97
70) Pentachlorophenol	11.198	266	84991	44.057	ng		95
71) Phenanthrene	11.421	178	800801	39.168	ng		100
72) Anthracene	11.474	178	804166	39.575	ng		99
73) Carbazole	11.633	167	770179	38.007	ng		98
74) Di-n-butylphthalate	11.945	149	839229	37.914	ng		99
75) Fluoranthene	12.610	202	710209m	32.076	ng		
77) Benzidine	12.733	184	195747	36.515	ng		98
78) Pyrene	12.845	202	710632	36.824	ng		100
80) Butylbenzylphthalate	13.451	149	297518	38.443	ng		99
81) Benzo(a)anthracene	14.033	228	665245	40.567	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	141783	37.887	ng		99
83) Chrysene	14.074	228	620983	39.760	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	430728	42.088	ng		98
85) Di-n-octyl phthalate	14.621	149	701775	42.673	ng		100
87) Indeno(1,2,3-cd)pyrene	17.039	276	574693	47.060	ng		99
88) Benzo(b)fluoranthene	15.092	252	538284	40.444	ng		99
89) Benzo(k)fluoranthene	15.121	252	485240	38.926	ng		98
90) Benzo(a)pyrene	15.468	252	426370	39.907	ng		98
91) Dibenzo(a,h)anthracene	17.050	278	467759	47.738	ng		98
92) Benzo(g,h,i)perylene	17.497	276	501213	49.031	ng		98

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

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