Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130575.D
Acq On : 07 Oct 2022 14:58
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 01:42:36 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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.616	152	131828	20.000	ng		0.00
21) Naphthalene-d8	7.898	136	554822	20.000	ng		0.00
39) Acenaphthene-d10	9.645	164	271326	20.000	ng		0.00
64) Phenanthrene-d10	11.128	188	413810	20.000	ng		0.00
76) Chrysene-d12	13.757	240	193713	20.000	ng		0.00
86) Perylene-d12	15.133	264	179574	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.210	112	624108	82.114	ng		0.00
7) Phenol-d6	6.263	99	773424	81.328	ng		0.00
23) Nitrobenzene-d5	7.187	82	837845	77.150	ng		0.00
42) 2,4,6-Tribromophenol	10.439	330	195546	75.215	ng		0.00
45) 2-Fluorobiphenyl	8.975	172	1425939	76.529	ng		0.00
79) Terphenyl-d14	12.710	244	1070374	91.531	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.211	88	163166	46.744	ng		98
3) Pyridine	2.875	79	285370	31.340	ng		94
4) n-Nitrosodimethylamine	2.846	42	141654	28.603	ng		85
6) Aniline	6.281	93	472920	40.360	ng	#	49
8) 2-Chlorophenol	6.399	128	374072	43.205	ng		96
9) Benzaldehyde	6.163	77	243499	38.225	ng		95
10) Phenol	6.275	94	451279	40.492	ng		77
11) bis(2-Chloroethyl)ether	6.363	93	313158	38.957	ng		92
12) 1,3-Dichlorobenzene	6.551	146	389445	40.880	ng		98
13) 1,4-Dichlorobenzene	6.634	146	402130	41.393	ng		97
14) 1,2-Dichlorobenzene	6.787	146	365218	40.243	ng		97
15) Benzyl Alcohol	6.769	79	279032	37.006	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.898	45	472179	40.273	ng		88
17) 2-Methylphenol	6.887	107	309226	43.936	ng		98
18) Hexachloroethane	7.122	117	161674	42.219	ng		98
19) n-Nitroso-di-n-propyla...	7.046	70	267871	41.743	ng		88
20) 3+4-Methylphenols	7.040	107	404342	44.225	ng	#	79
22) Acetophenone	7.034	105	523773	38.613	ng	#	91
24) Nitrobenzene	7.204	77	420760	38.157	ng		96
25) Isophorone	7.446	82	707868	40.441	ng		98
26) 2-Nitrophenol	7.522	139	213587	47.249	ng	#	85
27) 2,4-Dimethylphenol	7.569	122	293131	42.115	ng		93
28) bis(2-Chloroethoxy)met...	7.663	93	404237	41.014	ng		99
29) 2,4-Dichlorophenol	7.763	162	322206	42.244	ng		98
30) 1,2,4-Trichlorobenzene	7.840	180	336313	40.783	ng		99
31) Naphthalene	7.922	128	1143605	40.009	ng		99
32) Benzoic acid	7.716	122	180387	33.513	ng		94
33) 4-Chloroaniline	7.981	127	440167	40.489	ng		95
34) Hexachlorobutadiene	8.034	225	206930	39.265	ng		98
35) Caprolactam	8.363	113	101206m	46.285	ng		
36) 4-Chloro-3-methylphenol	8.469	107	351361	41.560	ng		99
37) 2-Methylnaphthalene	8.610	142	750010	41.153	ng		100
38) 1-Methylnaphthalene	8.710	142	690407	39.435	ng		98
40) 1,2,4,5-Tetrachloroben...	8.775	216	295788	39.946	ng		98
41) Hexachlorocyclopentadiene	8.757	237	147427	37.188	ng		99
43) 2,4,6-Trichlorophenol	8.892	196	213656	41.344	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.934	196	224253	40.213	ng		96
46) 1,1'-Biphenyl	9.075	154	704080	34.746	ng		99
47) 2-Chloronaphthalene	9.098	162	573469	34.984	ng		98
48) 2-Nitroaniline	9.204	65	183547	33.572	ng		91
49) Acenaphthylene	9.510	152	957505	38.959	ng		100
50) Dimethylphthalate	9.387	163	746770	39.845	ng		99
51) 2,6-Dinitrotoluene	9.445	165	171937	43.865	ng		90
52) Acenaphthene	9.681	154	673131m	41.685	ng		
53) 3-Nitroaniline	9.616	138	189298	43.341	ng		94
54) 2,4-Dinitrophenol	9.728	184	88050	44.427	ng	#	79
55) Dibenzofuran	9.851	168	928750	41.349	ng		97
56) 4-Nitrophenol	9.792	139	140594	44.196	ng	#	78
57) 2,4-Dinitrotoluene	9.851	165	222712	44.459	ng		94
58) Fluorene	10.198	166	748280	40.736	ng		100
59) 2,3,4,6-Tetrachlorophenol	9.975	232	184283	42.220	ng		93
60) Diethylphthalate	10.081	149	756714	40.262	ng		99
61) 4-Chlorophenyl-phenyle...	10.192	204	338745	42.038	ng		92
62) 4-Nitroaniline	10.234	138	181310m	41.323	ng		
63) Azobenzene	10.351	77	630068	32.557	ng		94
65) 4,6-Dinitro-2-methylph...	10.257	198	119499	51.876	ng		96
66) n-Nitrosodiphenylamine	10.316	169	534766	38.672	ng		99
67) 4-Bromophenyl-phenylether	10.675	248	211857	46.409	ng		98
68) Hexachlorobenzene	10.739	284	243118	46.982	ng		97
69) Atrazine	10.845	200	183074	45.303	ng		96
70) Pentachlorophenol	10.939	266	122869	44.242	ng		98
71) Phenanthrene	11.151	178	901346	38.796	ng		100
72) Anthracene	11.204	178	952344	42.477	ng		100
73) Carbazole	11.363	167	905684	44.760	ng		99
74) Di-n-butylphthalate	11.698	149	1147042	47.010	ng		99
75) Fluoranthene	12.333	202	989691	44.084	ng		99
77) Benzidine	12.463	184	162333	28.868	ng		99
78) Pyrene	12.563	202	767480	45.289	ng		99
80) Butylbenzylphthalate	13.186	149	286105	45.574	ng		99
81) Benzo(a)anthracene	13.745	228	531423	41.238	ng		100
82) 3,3'-Dichlorobenzidine	13.716	252	159590	45.494	ng		98
83) Chrysene	13.786	228	510602	41.730	ng		99
84) Bis(2-ethylhexyl)phtha...	13.745	149	325461	45.260	ng		99
85) Di-n-octyl phthalate	14.357	149	522261	47.485	ng		97
87) Indeno(1,2,3-cd)pyrene	16.445	276	566770	44.507	ng		99
88) Benzo(b)fluoranthene	14.751	252	482716	41.185	ng		99
89) Benzo(k)fluoranthene	14.780	252	433263	37.578	ng		99
90) Benzo(a)pyrene	15.080	252	388316	41.819	ng		98
91) Dibenzo(a,h)anthracene	16.457	278	463822	44.399	ng		100
92) Benzo(g,h,i)perylene	16.839	276	475867	45.220	ng		99

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

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