Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131959.D
Acq On : 09 Jan 2023 12:56
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 10 00:00:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 09 23:53:39 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
01/10/2023
Supervised By :Jagrut Upadhyay
01/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	92465	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	334967	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	205068	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	381263	20.000	ng	0.00
76) Chrysene-d12	13.986	240	237962	20.000	ng	0.00
86) Perylene-d12	15.445	264	168248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	458168	81.648	ng	0.00
7) Phenol-d6	6.434	99	605781	81.421	ng	0.00
23) Nitrobenzene-d5	7.369	82	657009	81.405	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	186580	79.132	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1192298	78.489	ng	0.00
79) Terphenyl-d14	12.927	244	1351664	81.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	100193	40.882	ng	100
3) Pyridine	3.199	79	289513	42.090	ng	100
4) n-Nitrosodimethylamine	3.181	42	135950	42.055	ng	100
6) Aniline	6.457	93	399699	40.830	ng	100
8) 2-Chlorophenol	6.575	128	231334	41.089	ng	100
9) Benzaldehyde	6.340	77	194638	37.801	ng	100
10) Phenol	6.446	94	336152	40.501	ng	100
11) bis(2-Chloroethyl)ether	6.534	93	257529	41.161	ng	100
12) 1,3-Dichlorobenzene	6.728	146	257234	41.020	ng	100
13) 1,4-Dichlorobenzene	6.804	146	259413	40.885	ng	100
14) 1,2-Dichlorobenzene	6.963	146	243818	40.460	ng	100
15) Benzyl Alcohol	6.940	79	268947	41.510	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	325310	41.200	ng	100
17) 2-Methylphenol	7.051	107	226320	40.620	ng	100
18) Hexachloroethane	7.298	117	107881	41.114	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	216493	40.225	ng	100
20) 3+4-Methylphenols	7.210	107	294024	41.105	ng	100
22) Acetophenone	7.210	105	395346	40.537	ng	100
24) Nitrobenzene	7.387	77	334022	40.653	ng	100
25) Isophorone	7.628	82	612589	40.629	ng	100
26) 2-Nitrophenol	7.698	139	131611	40.709	ng	100
27) 2,4-Dimethylphenol	7.740	122	216860	40.186	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	338804	40.601	ng	100
29) 2,4-Dichlorophenol	7.945	162	223663	40.465	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	258001	40.756	ng	100
31) Naphthalene	8.104	128	718368	40.581	ng	100
32) Benzoic acid	7.893	122	134181m	43.575	ng	
33) 4-Chloroaniline	8.157	127	294516	40.317	ng	100
34) Hexachlorobutadiene	8.216	225	180256	41.071	ng	100
35) Caprolactam	8.551	113	65005m	40.008	ng	
36) 4-Chloro-3-methylphenol	8.645	107	262733	40.499	ng	100
37) 2-Methylnaphthalene	8.798	142	515250	40.527	ng	100
38) 1-Methylnaphthalene	8.898	142	475247	40.347	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	290797	40.242	ng	100
41) Hexachlorocyclopentadiene	8.945	237	120590	41.783	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	177411	40.788	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	203530	40.193	ng	100
46) 1,1'-Biphenyl	9.263	154	622044	39.300	ng	100
47) 2-Chloronaphthalene	9.287	162	488374	39.754	ng	100
48) 2-Nitroaniline	9.392	65	177694	39.824	ng	100
49) Acenaphthylene	9.704	152	748214	39.249	ng	100
50) Dimethylphthalate	9.575	163	628231	39.302	ng	100
51) 2,6-Dinitrotoluene	9.639	165	134731	40.075	ng	100
52) Acenaphthene	9.875	154	450296	39.351	ng	100
53) 3-Nitroaniline	9.810	138	128639	39.439	ng	100
54) 2,4-Dinitrophenol	9.916	184	70007	41.473	ng	100
55) Dibenzofuran	10.051	168	707528	39.225	ng	100
56) 4-Nitrophenol	9.975	139	75457	41.072	ng	100
57) 2,4-Dinitrotoluene	10.045	165	176354	39.234	ng	100
58) Fluorene	10.392	166	557738	38.707	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	154184	41.310	ng	93
60) Diethylphthalate	10.269	149	614568	39.100	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	322689	39.120	ng	100
62) 4-Nitroaniline	10.428	138	116912	38.471	ng	100
63) Azobenzene	10.545	77	652237	39.118	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	105273	42.817	ng	100
66) n-Nitrosodiphenylamine	10.510	169	483556	40.426	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	192915	40.447	ng	100
68) Hexachlorobenzene	10.939	284	194939	40.404	ng	100
69) Atrazine	11.039	200	172015	39.545	ng	100
70) Pentachlorophenol	11.139	266	95934	42.297	ng	100
71) Phenanthrene	11.357	178	802133	40.358	ng	100
72) Anthracene	11.410	178	821116	40.131	ng	100
73) Carbazole	11.569	167	678716	40.067	ng	100
74) Di-n-butylphthalate	11.898	149	942387	39.954	ng	100
75) Fluoranthene	12.551	202	888857	39.765	ng	100
77) Benzidine	12.675	184	292254	36.968	ng	100
78) Pyrene	12.780	202	889166	40.969	ng	100
80) Butylbenzylphthalate	13.398	149	361332	41.246	ng	100
81) Benzo(a)anthracene	13.974	228	699073	40.380	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	217887	40.325	ng	100
83) Chrysene	14.010	228	652044	40.300	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	490393	41.319	ng	100
85) Di-n-octyl phthalate	14.574	149	652233	40.160	ng	100
87) Indeno(1,2,3-cd)pyrene	16.910	276	444531	43.080	ng	100
88) Benzo(b)fluoranthene	15.021	252	472174	40.917	ng	100
89) Benzo(k)fluoranthene	15.051	252	467155	40.563	ng	100
90) Benzo(a)pyrene	15.386	252	421700	40.559	ng	100
91) Dibenzo(a,h)anthracene	16.921	278	370260	42.805	ng	100
92) Benzo(g,h,i)perylene	17.351	276	359000	42.144	ng	100

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

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