Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052323\
Data File : BF133455.D
Acq On : 23 May 2023 13:39
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 24 02:32:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:24:49 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	124332	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	445961	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	207065	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	379868	20.000	ng	0.00
76) Chrysene-d12	14.010	240	268950	20.000	ng	0.00
86) Perylene-d12	15.468	264	291818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	614381	80.775	ng	0.00
7) Phenol-d6	6.463	99	735366	80.424	ng	0.00
23) Nitrobenzene-d5	7.410	82	581188	90.099	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	165332	86.436	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1147973	78.000	ng	0.00
79) Terphenyl-d14	12.957	244	1118772	79.531	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	142387	41.355	ng	100
3) Pyridine	3.304	79	375756	41.451	ng	100
4) n-Nitrosodimethylamine	3.257	42	211812	40.931	ng	100
6) Aniline	6.510	93	501115	40.102	ng	100
8) 2-Chlorophenol	6.628	128	310490	41.153	ng	100
9) Benzaldehyde	6.392	77	191988	37.187	ng	100
10) Phenol	6.481	94	378700	40.503	ng	100
11) bis(2-Chloroethyl)ether	6.581	93	305130	39.983	ng	100
12) 1,3-Dichlorobenzene	6.787	146	332476	40.374	ng	100
13) 1,4-Dichlorobenzene	6.863	146	330872	40.127	ng	100
14) 1,2-Dichlorobenzene	7.016	146	304134	39.940	ng	100
15) Benzyl Alcohol	6.981	79	285435	41.253	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	579186	40.108	ng	100
17) 2-Methylphenol	7.087	107	276096	40.133	ng	100
18) Hexachloroethane	7.357	117	115940	41.263	ng	100
19) n-Nitroso-di-n-propyla...	7.257	70	224025	39.149	ng	100
20) 3+4-Methylphenols	7.245	107	337908	40.579	ng	100
22) Acetophenone	7.257	105	413591	39.521	ng	100
24) Nitrobenzene	7.428	77	313046	43.902	ng	100
25) Isophorone	7.663	82	608481	40.088	ng	100
26) 2-Nitrophenol	7.745	139	104007	37.026	ng	100
27) 2,4-Dimethylphenol	7.775	122	263553	40.625	ng	100
28) bis(2-Chloroethoxy)met...	7.881	93	360910	40.248	ng	100
29) 2,4-Dichlorophenol	7.981	162	247767	42.120	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	259004	40.489	ng	100
31) Naphthalene	8.151	128	879047	40.129	ng	100
32) Benzoic acid	7.875	122	118642m	40.000	ng	
33) 4-Chloroaniline	8.198	127	374497	40.805	ng	100
34) Hexachlorobutadiene	8.269	225	155752	40.062	ng	100
35) Caprolactam	8.569	113	79365	44.421	ng	100
36) 4-Chloro-3-methylphenol	8.669	107	265508	41.711	ng	100
37) 2-Methylnaphthalene	8.839	142	589601	40.149	ng	100
38) 1-Methylnaphthalene	8.939	142	550785	40.251	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	250291	39.771	ng	100
41) Hexachlorocyclopentadiene	8.992	237	129630	43.189	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	167037	43.223	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	192148	42.988	ng	100
46) 1,1'-Biphenyl	9.304	154	697111	40.139	ng	100
47) 2-Chloronaphthalene	9.328	162	500400	40.166	ng	100
48) 2-Nitroaniline	9.422	65	136459	38.481	ng	100
49) Acenaphthylene	9.745	152	851451	40.231	ng	100
50) Dimethylphthalate	9.604	163	576938	40.811	ng	100
51) 2,6-Dinitrotoluene	9.663	165	105101	40.137	ng	100
52) Acenaphthene	9.916	154	512111	40.299	ng	100
53) 3-Nitroaniline	9.833	138	133235	40.635	ng	100
54) 2,4-Dinitrophenol	9.933	184	27496	38.089	ng	100
55) Dibenzofuran	10.086	168	764337	40.299	ng	100
56) 4-Nitrophenol	9.975	139	100655	40.127	ng	100
57) 2,4-Dinitrotoluene	10.063	165	123282	39.383	ng	100
58) Fluorene	10.433	166	542475	39.627	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	144315	43.514	ng	100
60) Diethylphthalate	10.304	149	595275	41.535	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	257773	39.811	ng	100
62) 4-Nitroaniline	10.445	138	126825	39.830	ng	100
63) Azobenzene	10.586	77	604218	40.761	ng	100
65) 4,6-Dinitro-2-methylph...	10.469	198	41760	38.076	ng	100
66) n-Nitrosodiphenylamine	10.539	169	503088	40.166	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	159868	40.130	ng	100
68) Hexachlorobenzene	10.974	284	168568	40.324	ng	100
69) Atrazine	11.069	200	135862	42.383	ng	100
70) Pentachlorophenol	11.163	266	106403	44.846	ng	100
71) Phenanthrene	11.392	178	790558	40.193	ng	100
72) Anthracene	11.445	178	813377	40.535	ng	100
73) Carbazole	11.598	167	772376	40.632	ng	100
74) Di-n-butylphthalate	11.933	149	851466	41.747	ng	100
75) Fluoranthene	12.580	202	859887	40.603	ng	100
77) Benzidine	12.704	184	252712	39.433	ng	100
78) Pyrene	12.810	202	898661	40.992	ng	100
80) Butylbenzylphthalate	13.439	149	326299	40.178	ng	100
81) Benzo(a)anthracene	13.998	228	731205	40.050	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	221439	42.739	ng	100
83) Chrysene	14.039	228	757248	40.848	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	428261	43.283	ng	100
85) Di-n-octyl phthalate	14.615	149	784015	43.556	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	769003	38.907	ng	100
88) Benzo(b)fluoranthene	15.045	252	705651	38.908	ng	100
89) Benzo(k)fluoranthene	15.074	252	737038	41.818	ng	100
90) Benzo(a)pyrene	15.409	252	695675	40.711	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	627787	38.998	ng	100
92) Benzo(g,h,i)perylene	17.368	276	627300	38.576	ng	100

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

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