Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
Data File : BF128545.D
Acq On : 28 May 2022 13:33
Operator : CG\JU
Sample : N2931-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 28 22:42:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
P009-SS003-2430-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	182144	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	730139	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	403901	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	730036	20.000	ng		0.00
76) Chrysene-d12	14.010	240	424331	20.000	ng		0.00
86) Perylene-d12	15.468	264	382559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1022850	93.017	ng		0.01
7) Phenol-d6	6.469	99	1377663	98.259	ng		0.00
23) Nitrobenzene-d5	7.404	82	937009	74.033	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	353385	91.921	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1710752	68.813	ng		0.00
79) Terphenyl-d14	12.957	244	1760917	80.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	212521	43.343	ng		99
3) Pyridine	3.434	79	540953	42.613	ng		99
4) n-Nitrosodimethylamine	3.398	42	337237	50.695	ng	#	94
6) Aniline	6.504	93	699700	42.767	ng		98
8) 2-Chlorophenol	6.622	128	592748	51.986	ng		97
9) Benzaldehyde	6.392	77	380672	79.337	ng		98
10) Phenol	6.481	94	686111m	49.384	ng		
11) bis(2-Chloroethyl)ether	6.581	93	552380	48.568	ng		96
12) 1,3-Dichlorobenzene	6.781	146	622025	48.015	ng		99
13) 1,4-Dichlorobenzene	6.857	146	630987	48.155	ng		100
14) 1,2-Dichlorobenzene	7.010	146	602173	49.931	ng		99
15) Benzyl Alcohol	6.981	79	544725	50.940	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	949367	47.165	ng		97
17) 2-Methylphenol	7.092	107	480501	49.513	ng		98
18) Hexachloroethane	7.351	117	234399	50.713	ng		94
19) n-Nitroso-di-n-propyla...	7.257	70	414211	48.183	ng		98
20) 3+4-Methylphenols	7.245	107	550419	46.948	ng	#	88
22) Acetophenone	7.251	105	765753	45.484	ng	#	93
24) Nitrobenzene	7.422	77	642436	51.343	ng		98
25) Isophorone	7.663	82	1187066	50.842	ng		98
26) 2-Nitrophenol	7.739	139	302493	57.842	ng		99
27) 2,4-Dimethylphenol	7.775	122	560096	53.882	ng		97
28) bis(2-Chloroethoxy)met...	7.875	93	696410	45.959	ng		99
29) 2,4-Dichlorophenol	7.981	162	503035	46.760	ng		97
30) 1,2,4-Trichlorobenzene	8.063	180	528379	45.344	ng		99
31) Naphthalene	8.145	128	1644448	46.017	ng		99
32) Benzoic acid	7.904	122	391356	53.259	ng		100
33) 4-Chloroaniline	8.192	127	331004	23.263	ng		99
34) Hexachlorobutadiene	8.263	225	339894	46.198	ng		100
35) Caprolactam	8.575	113	162393m	48.954	ng		
36) 4-Chloro-3-methylphenol	8.675	107	541891	49.034	ng		97
37) 2-Methylnaphthalene	8.833	142	1061957	47.080	ng		100
38) 1-Methylnaphthalene	8.933	142	1025215	46.732	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	493600	44.504	ng		99
41) Hexachlorocyclopentadiene	8.992	237	682171	109.416	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	378841	46.318	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	397795	47.202	ng		95
46) 1,1'-Biphenyl	9.304	154	1298909	45.799	ng		99
47) 2-Chloronaphthalene	9.327	162	1028478	46.196	ng		99
48) 2-Nitroaniline	9.422	65	363524	58.719	ng		97
49) Acenaphthylene	9.745	152	1670072	48.830	ng		100
50) Dimethylphthalate	9.610	163	1247167	47.603	ng		100
51) 2,6-Dinitrotoluene	9.669	165	278590	58.020	ng		94
52) Acenaphthene	9.916	154	1098883m	52.075	ng		
53) 3-Nitroaniline	9.833	138	189158	34.112	ng		87
54) 2,4-Dinitrophenol	9.939	184	247442	99.759	ng		95
55) Dibenzofuran	10.092	168	1423701	45.473	ng		98
56) 4-Nitrophenol	9.998	139	466241	103.615	ng	#	81
57) 2,4-Dinitrotoluene	10.075	165	369323	64.291	ng		94
58) Fluorene	10.433	166	1042823	46.266	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	317322	46.464	ng		99
60) Diethylphthalate	10.310	149	1225854	48.166	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	530845	46.420	ng		93
62) 4-Nitroaniline	10.457	138	287260	54.106	ng		98
63) Azobenzene	10.586	77	1204267	46.479	ng		98
65) 4,6-Dinitro-2-methylph...	10.474	198	162698	48.200	ng		96
66) n-Nitrosodiphenylamine	10.545	169	1031700	47.203	ng		100
67) 4-Bromophenyl-phenylether	10.916	248	360134	47.747	ng		95
68) Hexachlorobenzene	10.974	284	396103	47.555	ng		99
69) Atrazine	11.074	200	343579	50.650	ng		97
70) Pentachlorophenol	11.169	266	443172	87.311	ng		98
71) Phenanthrene	11.392	178	1590286	45.985	ng		100
72) Anthracene	11.445	178	1646932	47.676	ng		100
73) Carbazole	11.598	167	1459382	44.083	ng		100
74) Di-n-butylphthalate	11.933	149	1842060	47.275	ng		100
75) Fluoranthene	12.580	202	1655473	44.775	ng		99
77) Benzidine	12.704	184	850648	86.912	ng		98
78) Pyrene	12.810	202	1649152	51.589	ng		100
80) Butylbenzylphthalate	13.433	149	712031	52.807	ng		99
81) Benzo(a)anthracene	13.998	228	1187857	47.098	ng		100
82) 3,3'-Dichlorobenzidine	13.962	252	371750	57.563	ng		96
83) Chrysene	14.039	228	1212939	46.960	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	860406	52.759	ng		100
85) Di-n-octyl phthalate	14.610	149	1446745	50.397	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1164249	51.599	ng		98
88) Benzo(b)fluoranthene	15.045	252	1210174	50.852	ng		99
89) Benzo(k)fluoranthene	15.074	252	1012166	45.905	ng		99
90) Benzo(a)pyrene	15.415	252	1063152	55.682	ng		98
91) Dibenzo(a,h)anthracene	16.956	278	1009207	53.944	ng		98
92) Benzo(g,h,i)perylene	17.380	276	1033892	55.716	ng		97

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

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