Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
Data File : BF128397.D
Acq On : 23 May 2022 13:35
Operator : CG\JU
Sample : N2959-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 01:22:04 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 :
284MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	90646	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	276215	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	183344	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	334652	20.000	ng		0.00
76) Chrysene-d12	14.045	240	194975	20.000	ng		0.00
86) Perylene-d12	15.527	264	195745	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	633991	111.303	ng		0.01
7) Phenol-d6	6.498	99	752817	100.368	ng		0.00
23) Nitrobenzene-d5	7.428	82	605642	98.242	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	227737	120.443	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	871143	77.702	ng		0.00
79) Terphenyl-d14	12.980	244	1124907	111.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	102703	36.809	ng	#	82
3) Pyridine	3.504	79	159012	22.006	ng		99
4) n-Nitrosodimethylamine	3.440	42	151131	43.965	ng		99
6) Aniline	6.528	93	154839	18.049	ng	#	84
8) 2-Chlorophenol	6.651	128	271649	46.644	ng		96
9) Benzaldehyde	6.416	77	96217	20.306	ng		92
10) Phenol	6.516	94	310116	38.880	ng		97
11) bis(2-Chloroethyl)ether	6.598	93	291649	48.993	ng		98
12) 1,3-Dichlorobenzene	6.798	146	294018	44.958	ng		98
13) 1,4-Dichlorobenzene	6.875	146	297254	44.792	ng		99
14) 1,2-Dichlorobenzene	7.028	146	272991	44.365	ng		99
15) Benzyl Alcohol	7.010	79	264122	47.567	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	395974	45.108	ng		91
17) 2-Methylphenol	7.116	107	216430	44.253	ng		95
18) Hexachloroethane	7.363	117	112553	45.783	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	200365	44.666	ng		100
20) 3+4-Methylphenols	7.269	107	252385	42.861	ng	#	63
22) Acetophenone	7.269	105	367322	54.625	ng	#	87
24) Nitrobenzene	7.445	77	327982	56.842	ng		99
25) Isophorone	7.681	82	589546	62.403	ng		99
26) 2-Nitrophenol	7.763	139	133904	53.549	ng		93
27) 2,4-Dimethylphenol	7.798	122	221110	60.732	ng		99
28) bis(2-Chloroethoxy)met...	7.886	93	303882	50.893	ng		99
29) 2,4-Dichlorophenol	8.004	162	183573	46.516	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	204073	45.538	ng		99
31) Naphthalene	8.163	128	634469	47.136	ng		100
32) Benzoic acid	7.939	122	120042	46.307	ng		93
33) 4-Chloroaniline	8.216	127	70266	13.045	ng		97
34) Hexachlorobutadiene	8.269	225	131789	45.406	ng		98
35) Caprolactam	8.598	113	54233m	42.575	ng		
36) 4-Chloro-3-methylphenol	8.710	107	208898	48.847	ng		99
37) 2-Methylnaphthalene	8.851	142	416489	47.189	ng		99
38) 1-Methylnaphthalene	8.951	142	398931	46.991	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	210235	39.325	ng		98
41) Hexachlorocyclopentadiene	8.998	237	174639	89.366	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	144485	42.821	ng		100

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44) 2,4,5-Trichlorophenol	9.186	196	155466	43.316	ng		97
46) 1,1'-Biphenyl	9.322	154	598767	45.196	ng		98
47) 2-Chloronaphthalene	9.345	162	441353	44.912	ng		97
48) 2-Nitroaniline	9.451	65	171243	48.099	ng		95
49) Acenaphthylene	9.763	152	707390	48.107	ng		100
50) Dimethylphthalate	9.622	163	546666	46.807	ng		100
51) 2,6-Dinitrotoluene	9.692	165	125707	49.214	ng		95
52) Acenaphthene	9.933	154	436479	47.269	ng		99
53) 3-Nitroaniline	9.869	138	80864	28.125	ng		92
54) 2,4-Dinitrophenol	9.980	184	131117	101.217	ng	#	80
55) Dibenzofuran	10.110	168	608126	43.439	ng		99
56) 4-Nitrophenol	10.039	139	134414	81.281	ng		89
57) 2,4-Dinitrotoluene	10.104	165	154114	47.889	ng	#	71
58) Fluorene	10.451	166	506177	46.135	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	130890	44.398	ng		99
60) Diethylphthalate	10.322	149	558409	49.618	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	245527	45.408	ng		98
62) 4-Nitroaniline	10.486	138	129629m	44.547	ng		
63) Azobenzene	10.604	77	589214	46.724	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	97069	47.194	ng		98
66) n-Nitrosodiphenylamine	10.563	169	450324	46.482	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	172392	49.223	ng		91
68) Hexachlorobenzene	10.998	284	187738	49.301	ng		96
69) Atrazine	11.092	200	127873	40.209	ng		98
70) Pentachlorophenol	11.204	266	155378	100.830	ng		96
71) Phenanthrene	11.421	178	760827	46.586	ng		99
72) Anthracene	11.469	178	757298	46.656	ng		100
73) Carbazole	11.627	167	710345	43.884	ng		100
74) Di-n-butylphthalate	11.945	149	881401	49.848	ng		99
75) Fluoranthene	12.610	202	824929	46.641	ng		99
77) Benzidine	12.739	184	49227	12.139	ng		99
78) Pyrene	12.839	202	870552	59.633	ng		100
80) Butylbenzylphthalate	13.451	149	318922	54.475	ng		96
81) Benzo(a)anthracene	14.033	228	580555	46.800	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	116373	41.109	ng		97
83) Chrysene	14.068	228	537702	45.511	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	356761	46.083	ng		99
85) Di-n-octyl phthalate	14.615	149	532143	42.776	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	673395	60.273	ng		99
88) Benzo(b)fluoranthene	15.092	252	523767	43.014	ng		99
89) Benzo(k)fluoranthene	15.121	252	472401	41.421	ng		98
90) Benzo(a)pyrene	15.468	252	534713	54.703	ng		98
91) Dibenzo(a,h)anthracene	17.056	278	579516	64.645	ng		98
92) Benzo(g,h,i)perylene	17.503	276	623398	66.656	ng		99

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

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