Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131752.D
Acq On : 21 Dec 2022 18:52
Operator : CG\JU
Sample : PB149691BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 22 05:48:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149691BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	89262	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	341495	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	204199	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	394748	20.000	ng		0.00
76) Chrysene-d12	14.069	240	288959	20.000	ng	#	0.00
86) Perylene-d12	15.557	264	200707	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	754543	142.341	ng		0.02
7) Phenol-d6	6.504	99	975658	136.744	ng		0.00
23) Nitrobenzene-d5	7.440	82	687732	81.756	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	305836	136.837	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1183741	81.206	ng		0.00
79) Terphenyl-d14	13.004	244	1560308	84.157	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	94554	38.170	ng		98
3) Pyridine	3.440	79	248108	35.125	ng		100
4) n-Nitrosodimethylamine	3.422	42	143464	44.892	ng	#	95
6) Aniline	6.534	93	153656	17.444	ng		98
8) 2-Chlorophenol	6.651	128	258522	45.406	ng		97
9) Benzaldehyde	6.416	77	84937	17.857	ng		98
10) Phenol	6.522	94	357431	41.959	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	293149	48.089	ng		98
12) 1,3-Dichlorobenzene	6.804	146	281217	43.694	ng		98
13) 1,4-Dichlorobenzene	6.881	146	286027	43.477	ng		97
14) 1,2-Dichlorobenzene	7.034	146	273603	44.419	ng		99
15) Benzyl Alcohol	7.016	79	254286m	39.902	ng		
16) 2,2'-oxybis(1-Chloropr...	7.140	45	348073	44.780	ng		91
17) 2-Methylphenol	7.128	107	229808	42.755	ng		96
18) Hexachloroethane	7.381	117	116928	44.836	ng		94
19) n-Nitroso-di-n-propyla...	7.287	70	224962	43.718	ng		97
20) 3+4-Methylphenols	7.281	107	298445	43.142	ng		95
22) Acetophenone	7.281	105	423148	42.460	ng	#	92
24) Nitrobenzene	7.457	77	347649	40.652	ng		96
25) Isophorone	7.698	82	620571	43.440	ng		99
26) 2-Nitrophenol	7.775	139	139106	41.622	ng		98
27) 2,4-Dimethylphenol	7.810	122	232823	48.911	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	344912	45.466	ng		99
29) 2,4-Dichlorophenol	8.016	162	240585	41.866	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	277265	41.042	ng		98
31) Naphthalene	8.181	128	748284	40.122	ng		100
32) Benzoic acid	7.951	122	173849	45.625	ng		94
33) 4-Chloroaniline	8.228	127	76195	10.476	ng		99
34) Hexachlorobutadiene	8.292	225	185853	40.890	ng		99
35) Caprolactam	8.610	113	71266m	41.128	ng		
36) 4-Chloro-3-methylphenol	8.722	107	275972	42.040	ng		99
37) 2-Methylnaphthalene	8.875	142	506619	39.823	ng		99
38) 1-Methylnaphthalene	8.975	142	479613	38.926	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	295529	42.302	ng		99
41) Hexachlorocyclopentadiene	9.022	237	364425	115.136	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	178770	39.172	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	204959	41.485	ng	93
46) 1,1'-Biphenyl	9.339	154	646119	42.066	ng	99
47) 2-Chloronaphthalene	9.363	162	518419	41.219	ng	97
48) 2-Nitroaniline	9.469	65	186132	41.059	ng	98
49) Acenaphthylene	9.781	152	777450	41.212	ng	100
50) Dimethylphthalate	9.645	163	639936	41.649	ng	99
51) 2,6-Dinitrotoluene	9.710	165	138085	41.795	ng	98
52) Acenaphthene	9.957	154	461903	39.970	ng	99
53) 3-Nitroaniline	9.881	138	74308	21.981	ng	96
54) 2,4-Dinitrophenol	9.992	184	182436	92.157	ng	96
55) Dibenzofuran	10.128	168	713629	40.271	ng	100
56) 4-Nitrophenol	10.051	139	192069	79.383	ng	96
57) 2,4-Dinitrotoluene	10.116	165	191788	43.200	ng	97
58) Fluorene	10.475	166	575935	40.199	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	157854m	38.272	ng	
60) Diethylphthalate	10.345	149	616338	41.630	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	316295	41.537	ng	100
62) 4-Nitroaniline	10.504	138	126550	37.196	ng	94
63) Azobenzene	10.622	77	661198	40.669	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	114994	42.430	ng	85
66) n-Nitrosodiphenylamine	10.586	169	495475	40.475	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	193157	41.430	ng	96
68) Hexachlorobenzene	11.016	284	211978	41.341	ng	99
69) Atrazine	11.110	200	110033	26.965	ng	98
70) Pentachlorophenol	11.216	266	236936	87.061	ng	98
71) Phenanthrene	11.439	178	869433	40.392	ng	98
72) Anthracene	11.492	178	874524	41.494	ng	99
73) Carbazole	11.651	167	763698	41.883	ng	100
74) Di-n-butylphthalate	11.975	149	956547	42.129	ng	100
75) Fluoranthene	12.633	202	997585	41.614	ng	99
77) Benzidine	12.757	184	34811	6.570	ng	97
78) Pyrene	12.863	202	1011855	38.515	ng	99
80) Butylbenzylphthalate	13.480	149	396727	42.815	ng	99
81) Benzo(a)anthracene	14.057	228	833405	40.046	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	156850	26.995	ng	97
83) Chrysene	14.092	228	786236	40.028	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	543465	49.187	ng	100
85) Di-n-octyl phthalate	14.657	149	824389	53.450	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	562244	41.706	ng	99
88) Benzo(b)fluoranthene	15.121	252	649327	45.728	ng	99
89) Benzo(k)fluoranthene	15.151	252	640051	46.193	ng	98
90) Benzo(a)pyrene	15.498	252	529087	47.039	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	486618	43.679	ng	100
92) Benzo(g,h,i)perylene	17.527	276	468164	42.515	ng	98

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

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