Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131750.D
Acq On : 21 Dec 2022 17:48
Operator : CG\JU
Sample : PB149706BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 22 05:47:15 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 :
PB149706BS

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	88781	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	319324	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	188574	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	364425	20.000	ng		0.00
76) Chrysene-d12	14.068	240	259086	20.000	ng	#	0.00
86) Perylene-d12	15.557	264	204060	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	809405	153.518	ng		0.02
7) Phenol-d6	6.504	99	1043593	147.058	ng		0.00
23) Nitrobenzene-d5	7.439	82	723997	92.043	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	322386	156.194	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1247815	92.694	ng		0.00
79) Terphenyl-d14	13.004	244	1649881	99.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	100487	40.785	ng		98
3) Pyridine	3.451	79	281574	40.079	ng		99
4) n-Nitrosodimethylamine	3.422	42	142604	44.865	ng		99
6) Aniline	6.528	93	328145	37.455	ng		96
8) 2-Chlorophenol	6.651	128	261887	46.246	ng		97
9) Benzaldehyde	6.416	77	214012	53.122	ng		98
10) Phenol	6.516	94	371237	43.815	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	286174	47.199	ng		98
12) 1,3-Dichlorobenzene	6.804	146	288191	45.020	ng		99
13) 1,4-Dichlorobenzene	6.881	146	290006	44.321	ng		97
14) 1,2-Dichlorobenzene	7.034	146	277378	45.275	ng		99
15) Benzyl Alcohol	7.016	79	279568	44.107	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.139	45	355835	46.026	ng		97
17) 2-Methylphenol	7.128	107	233281	43.637	ng		97
18) Hexachloroethane	7.381	117	119432	46.045	ng		97
19) n-Nitroso-di-n-propyla...	7.286	70	221704	43.318	ng		99
20) 3+4-Methylphenols	7.281	107	297816	43.284	ng		98
22) Acetophenone	7.281	105	423293	45.424	ng	#	91
24) Nitrobenzene	7.457	77	351693	43.981	ng		97
25) Isophorone	7.698	82	627616	46.983	ng		100
26) 2-Nitrophenol	7.775	139	141572	45.301	ng		95
27) 2,4-Dimethylphenol	7.810	122	233043	52.356	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	350254	49.376	ng		99
29) 2,4-Dichlorophenol	8.016	162	237549	44.208	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	278511	44.088	ng		99
31) Naphthalene	8.181	128	748063	42.895	ng		99
32) Benzoic acid	7.951	122	172099	48.302	ng		98
33) 4-Chloroaniline	8.228	127	107187	15.760	ng		98
34) Hexachlorobutadiene	8.292	225	183458	43.165	ng		99
35) Caprolactam	8.610	113	72554m	44.779	ng		
36) 4-Chloro-3-methylphenol	8.716	107	278990	45.450	ng		99
37) 2-Methylnaphthalene	8.875	142	516714	43.437	ng		99
38) 1-Methylnaphthalene	8.975	142	475062	41.233	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	291294	45.150	ng		98
41) Hexachlorocyclopentadiene	9.022	237	386947	132.382	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	187660	44.527	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	200539	43.954	ng	99
46) 1,1'-Biphenyl	9.339	154	654338	46.131	ng	100
47) 2-Chloronaphthalene	9.363	162	517512	44.556	ng	98
48) 2-Nitroaniline	9.469	65	184039	43.961	ng	98
49) Acenaphthylene	9.786	152	775671	44.525	ng	100
50) Dimethylphthalate	9.645	163	630357	44.425	ng	100
51) 2,6-Dinitrotoluene	9.710	165	138602	45.428	ng	99
52) Acenaphthene	9.957	154	470640	44.101	ng	97
53) 3-Nitroaniline	9.880	138	82889	26.551	ng	97
54) 2,4-Dinitrophenol	9.992	184	176888	96.759	ng	96
55) Dibenzofuran	10.127	168	717801	43.863	ng	99
56) 4-Nitrophenol	10.051	139	207033	92.658	ng	96
57) 2,4-Dinitrotoluene	10.116	165	187749	45.795	ng	95
58) Fluorene	10.475	166	574314	43.407	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	162489m	42.660	ng	
60) Diethylphthalate	10.345	149	614724	44.962	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	313938	44.643	ng	100
62) 4-Nitroaniline	10.504	138	133884	42.612	ng	96
63) Azobenzene	10.622	77	667839	44.481	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	112484	44.958	ng	87
66) n-Nitrosodiphenylamine	10.586	169	499799	44.225	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	193292	44.909	ng	95
68) Hexachlorobenzene	11.016	284	209117	44.176	ng	99
69) Atrazine	11.116	200	195795	51.974	ng	99
70) Pentachlorophenol	11.216	266	243275	96.828	ng	99
71) Phenanthrene	11.439	178	860333	43.295	ng	100
72) Anthracene	11.492	178	887438	45.610	ng	99
73) Carbazole	11.651	167	768383	45.646	ng	100
74) Di-n-butylphthalate	11.974	149	956848	45.649	ng	100
75) Fluoranthene	12.633	202	997995	45.095	ng	99
77) Benzidine	12.757	184	500438	105.338	ng	99
78) Pyrene	12.863	202	1020949	43.342	ng	100
80) Butylbenzylphthalate	13.480	149	396900	47.773	ng	98
81) Benzo(a)anthracene	14.057	228	860712	46.127	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	146739	28.167	ng	97
83) Chrysene	14.092	228	812462	46.132	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	549387	55.456	ng	99
85) Di-n-octyl phthalate	14.657	149	835385	60.408	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	614863	44.860	ng	99
88) Benzo(b)fluoranthene	15.121	252	664241	46.010	ng	99
89) Benzo(k)fluoranthene	15.151	252	675314	47.937	ng	99
90) Benzo(a)pyrene	15.498	252	549304	48.034	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	510521	45.071	ng	99
92) Benzo(g,h,i)perylene	17.533	276	505758	45.175	ng	96

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

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