Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131741.D
Acq On : 21 Dec 2022 11:46
Operator : CG\JU
Sample : PB149732BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 22 05:18:26 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 :
PB149732BS

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	81475	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	308057	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	189185	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	371680	20.000	ng	0.00
76) Chrysene-d12	14.063	240	233896	20.000	ng	0.00
86) Perylene-d12	15.557	264	175260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	681449	140.839	ng	0.02
7) Phenol-d6	6.504	99	878002	134.818	ng	0.00
23) Nitrobenzene-d5	7.439	82	613382	80.832	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	280297	135.363	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1076911	79.740	ng	0.00
79) Terphenyl-d14	13.004	244	1433970	95.550	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	82601	36.532	ng	97
3) Pyridine	3.410	79	212419	32.947	ng	99
4) n-Nitrosodimethylamine	3.381	42	126080	43.223	ng	91
6) Aniline	6.528	93	188373	23.429	ng	96
8) 2-Chlorophenol	6.651	128	231860	44.615	ng	97
9) Benzaldehyde	6.416	77	95368	23.149	ng	99
10) Phenol	6.516	94	325008	41.799	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	257942	46.358	ng	97
12) 1,3-Dichlorobenzene	6.804	146	251128	42.748	ng	99
13) 1,4-Dichlorobenzene	6.881	146	258569	43.060	ng	96
14) 1,2-Dichlorobenzene	7.034	146	242094	43.060	ng	98
15) Benzyl Alcohol	7.016	79	240426	41.333	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	314811	44.371	ng	96
17) 2-Methylphenol	7.128	107	209269	42.655	ng	99
18) Hexachloroethane	7.381	117	104900	44.069	ng	93
19) n-Nitroso-di-n-propyla...	7.287	70	197334	42.014	ng	99
20) 3+4-Methylphenols	7.281	107	263432	41.720	ng	96
22) Acetophenone	7.281	105	375597	41.780	ng	94
24) Nitrobenzene	7.457	77	313334	40.617	ng	98
25) Isophorone	7.692	82	554402	43.021	ng	98
26) 2-Nitrophenol	7.775	139	125808	41.729	ng	95
27) 2,4-Dimethylphenol	7.810	122	213740	49.776	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	314785	45.999	ng	100
29) 2,4-Dichlorophenol	8.016	162	216225	41.711	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	246837	40.504	ng	99
31) Naphthalene	8.181	128	676300	40.199	ng	100
32) Benzoic acid	7.945	122	159476	46.396	ng	96
33) 4-Chloroaniline	8.228	127	85706	13.063	ng	98
34) Hexachlorobutadiene	8.292	225	165453	40.353	ng	99
35) Caprolactam	8.610	113	66246m	42.381	ng	
36) 4-Chloro-3-methylphenol	8.716	107	252509	42.641	ng	97
37) 2-Methylnaphthalene	8.875	142	462754	40.324	ng	100
38) 1-Methylnaphthalene	8.975	142	427523	38.464	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	267925	41.394	ng	98
41) Hexachlorocyclopentadiene	9.022	237	330928	112.851	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	169803	40.160	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	184941	40.404	ng	98
46) 1,1'-Biphenyl	9.339	154	587576	41.290	ng	99
47) 2-Chloronaphthalene	9.363	162	469564	40.297	ng	98
48) 2-Nitroaniline	9.469	65	169764	40.421	ng	97
49) Acenaphthylene	9.781	152	707542	40.483	ng	100
50) Dimethylphthalate	9.645	163	590149	41.457	ng	99
51) 2,6-Dinitrotoluene	9.710	165	127241	41.569	ng	98
52) Acenaphthene	9.957	154	419237	39.157	ng	99
53) 3-Nitroaniline	9.880	138	70191	22.411	ng	96
54) 2,4-Dinitrophenol	9.992	184	164562	89.726	ng	94
55) Dibenzofuran	10.128	168	663672	40.424	ng	99
56) 4-Nitrophenol	10.051	139	178530	79.643	ng	94
57) 2,4-Dinitrotoluene	10.116	165	177814	43.231	ng	98
58) Fluorene	10.475	166	536591	40.425	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	144164m	37.727	ng	
60) Diethylphthalate	10.345	149	576048	41.997	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	291470	41.314	ng	100
62) 4-Nitroaniline	10.504	138	121203	38.452	ng	94
63) Azobenzene	10.622	77	614752	40.813	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	108024	42.332	ng	97
66) n-Nitrosodiphenylamine	10.586	169	465944	40.425	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	180893	41.208	ng	96
68) Hexachlorobenzene	11.016	284	193937	40.170	ng	99
69) Atrazine	11.110	200	114614	29.831	ng	99
70) Pentachlorophenol	11.216	266	224248	87.513	ng	98
71) Phenanthrene	11.439	178	804392	39.689	ng	99
72) Anthracene	11.492	178	827458	41.697	ng	100
73) Carbazole	11.651	167	706333	41.141	ng	99
74) Di-n-butylphthalate	11.974	149	915083	42.805	ng	99
75) Fluoranthene	12.633	202	911553	40.385	ng	99
77) Benzidine	12.757	184	64810	15.111	ng	100
78) Pyrene	12.863	202	924068	43.454	ng	99
80) Butylbenzylphthalate	13.480	149	334526	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	696204	41.329	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	156765	33.332	ng	97
83) Chrysene	14.092	228	641273	40.333	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	411773	46.041	ng	98
85) Di-n-octyl phthalate	14.657	149	570093	45.664	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	586748	49.843	ng	100
88) Benzo(b)fluoranthene	15.115	252	534713	43.124	ng	98
89) Benzo(k)fluoranthene	15.151	252	512871	42.389	ng	99
90) Benzo(a)pyrene	15.492	252	442146	45.017	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	506140	52.027	ng	99
92) Benzo(g,h,i)perylene	17.527	276	495346	51.515	ng	99

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

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