Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131742.D
Acq On : 21 Dec 2022 12:18
Operator : CG\JU
Sample : PB149732BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 22 05:27:17 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 :
PB149732BSD

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	81203	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	306643	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	192847	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	375994	20.000	ng		0.00
76) Chrysene-d12	14.062	240	240739	20.000	ng		0.00
86) Perylene-d12	15.556	264	184596	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	685929	142.239	ng		0.01
7) Phenol-d6	6.504	99	883113	136.057	ng		0.00
23) Nitrobenzene-d5	7.439	82	615309	81.460	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	294139	139.351	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1094856	79.529	ng		0.00
79) Terphenyl-d14	13.004	244	1481558	95.915	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	82239	36.494	ng		98
3) Pyridine	3.410	79	212854	33.125	ng		99
4) n-Nitrosodimethylamine	3.381	42	124856	42.947	ng		97
6) Aniline	6.528	93	188164	23.482	ng		96
8) 2-Chlorophenol	6.651	128	231780	44.749	ng		98
9) Benzaldehyde	6.416	77	95510	23.286	ng		97
10) Phenol	6.516	94	327287	42.233	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	255432	46.060	ng		98
12) 1,3-Dichlorobenzene	6.804	146	256446	43.800	ng		99
13) 1,4-Dichlorobenzene	6.881	146	256063	42.786	ng		98
14) 1,2-Dichlorobenzene	7.034	146	245456	43.804	ng		100
15) Benzyl Alcohol	7.016	79	234662m	40.477	ng		
16) 2,2'-oxybis(1-Chloropr...	7.139	45	314945	44.539	ng		95
17) 2-Methylphenol	7.128	107	210262	43.001	ng		96
18) Hexachloroethane	7.381	117	105341	44.402	ng		94
19) n-Nitroso-di-n-propyla...	7.286	70	200855	42.907	ng		98
20) 3+4-Methylphenols	7.281	107	261317	41.524	ng		96
22) Acetophenone	7.281	105	380907	42.566	ng	#	93
24) Nitrobenzene	7.457	77	315593	41.098	ng		98
25) Isophorone	7.692	82	560026	43.657	ng		98
26) 2-Nitrophenol	7.775	139	126607	42.187	ng		94
27) 2,4-Dimethylphenol	7.810	122	213405	49.927	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	314103	46.111	ng		100
29) 2,4-Dichlorophenol	8.016	162	217953	42.238	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	246690	40.666	ng		97
31) Naphthalene	8.180	128	673695	40.228	ng		100
32) Benzoic acid	7.951	122	160426	46.888	ng		93
33) 4-Chloroaniline	8.228	127	88529	13.555	ng		99
34) Hexachlorobutadiene	8.292	225	166306	40.748	ng		99
35) Caprolactam	8.610	113	68929m	44.301	ng		
36) 4-Chloro-3-methylphenol	8.722	107	258514	43.856	ng		97
37) 2-Methylnaphthalene	8.875	142	470600	41.196	ng		98
38) 1-Methylnaphthalene	8.975	142	440082	39.777	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	266004	40.317	ng		98
41) Hexachlorocyclopentadiene	9.022	237	333870	111.692	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	167596	38.885	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	189107	40.530	ng	94
46) 1,1'-Biphenyl	9.339	154	593706	40.929	ng	99
47) 2-Chloronaphthalene	9.369	162	472727	39.798	ng	98
48) 2-Nitroaniline	9.469	65	172248	40.233	ng	98
49) Acenaphthylene	9.786	152	718458	40.327	ng	100
50) Dimethylphthalate	9.645	163	596816	41.129	ng	99
51) 2,6-Dinitrotoluene	9.710	165	130170	41.719	ng	98
52) Acenaphthene	9.957	154	437878	40.122	ng	98
53) 3-Nitroaniline	9.880	138	72413	22.682	ng	94
54) 2,4-Dinitrophenol	9.992	184	170765	91.340	ng	99
55) Dibenzofuran	10.127	168	671797	40.142	ng	99
56) 4-Nitrophenol	10.051	139	178249	78.008	ng	97
57) 2,4-Dinitrotoluene	10.116	165	181108	43.196	ng	97
58) Fluorene	10.474	166	547965	40.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	152299m	39.099	ng	
60) Diethylphthalate	10.345	149	590810	42.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	296380	41.212	ng	99
62) 4-Nitroaniline	10.504	138	123455	38.422	ng	97
63) Azobenzene	10.621	77	627213	40.850	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	109796	42.533	ng	84
66) n-Nitrosodiphenylamine	10.586	169	470805	40.378	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	184733	41.599	ng	97
68) Hexachlorobenzene	11.016	284	203759	41.720	ng	98
69) Atrazine	11.110	200	115288	29.662	ng	98
70) Pentachlorophenol	11.216	266	227729	87.852	ng	97
71) Phenanthrene	11.439	178	823454	40.164	ng	98
72) Anthracene	11.492	178	839101	41.799	ng	99
73) Carbazole	11.651	167	718705	41.381	ng	100
74) Di-n-butylphthalate	11.974	149	942633	43.587	ng	100
75) Fluoranthene	12.633	202	931178	40.781	ng	99
77) Benzidine	12.757	184	56630	12.829	ng	97
78) Pyrene	12.863	202	930063	42.492	ng	99
80) Butylbenzylphthalate	13.480	149	337440	43.711	ng	99
81) Benzo(a)anthracene	14.057	228	699050	40.318	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	160425	33.141	ng	97
83) Chrysene	14.092	228	642067	39.235	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	420963	45.731	ng	100
85) Di-n-octyl phthalate	14.657	149	584294	45.472	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	607441	48.991	ng	99
88) Benzo(b)fluoranthene	15.115	252	549568	42.081	ng	100
89) Benzo(k)fluoranthene	15.151	252	531763	41.727	ng	99
90) Benzo(a)pyrene	15.498	252	469429	45.378	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	528392	51.568	ng	99
92) Benzo(g,h,i)perylene	17.533	276	506598	50.021	ng	99

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

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