Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131469.D
Acq On : 30 Nov 2022 12:24
Operator : CG\JU
Sample : PB149334BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 01 01:11:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 01:09:58 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149334BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	116728	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	423227	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	235402	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	440387	20.000	ng		0.00
76) Chrysene-d12	14.163	240	307868	20.000	ng		0.00
86) Perylene-d12	15.692	264	200366	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	757024	123.431	ng		0.02
7) Phenol-d6	6.575	99	1095535	140.000	ng		0.00
23) Nitrobenzene-d5	7.516	82	679957	80.987	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	314867	158.987	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1223594	75.620	ng		0.00
79) Terphenyl-d14	13.098	244	1508941	80.149	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	96897	33.139	ng		95
3) Pyridine	3.599	79	267834	32.988	ng		90
4) n-Nitrosodimethylamine	3.569	42	163599	34.169	ng	#	77
6) Aniline	6.610	93	315383m	30.753	ng		
8) 2-Chlorophenol	6.734	128	339056	48.796	ng		95
9) Benzaldehyde	6.498	77	185159	38.055	ng		97
10) Phenol	6.587	94	412954m	47.597	ng		
11) bis(2-Chloroethyl)ether	6.681	93	325059	44.718	ng		98
12) 1,3-Dichlorobenzene	6.887	146	358447	43.284	ng		98
13) 1,4-Dichlorobenzene	6.963	146	358908	42.653	ng		99
14) 1,2-Dichlorobenzene	7.116	146	343882	44.384	ng		97
15) Benzyl Alcohol	7.092	79	277930m	43.316	ng		
16) 2,2'-oxybis(1-Chloropr...	7.222	45	510792	36.743	ng		95
17) 2-Methylphenol	7.198	107	267656	45.195	ng		96
18) Hexachloroethane	7.463	117	133043	44.198	ng		97
19) n-Nitroso-di-n-propyla...	7.363	70	228498	39.888	ng		91
20) 3+4-Methylphenols	7.198	107	267757	35.410	ng		80
22) Acetophenone	7.363	105	448053	41.591	ng	#	92
24) Nitrobenzene	7.539	77	360619	41.225	ng		90
25) Isophorone	7.775	82	644372	43.018	ng		97
26) 2-Nitrophenol	7.851	139	175207	59.664	ng		86
27) 2,4-Dimethylphenol	7.886	122	306581	52.796	ng		95
28) bis(2-Chloroethoxy)met...	7.987	93	383586	45.086	ng		99
29) 2,4-Dichlorophenol	8.092	162	287785	45.689	ng		98
30) 1,2,4-Trichlorobenzene	8.175	180	317533	40.694	ng		100
31) Naphthalene	8.263	128	931206	41.289	ng		99
32) Benzoic acid	8.010	122	210469m	55.000	ng		
33) 4-Chloroaniline	8.304	127	97911	11.004	ng		94
34) Hexachlorobutadiene	8.375	225	186957	37.001	ng		99
35) Caprolactam	8.681	113	96586m	58.354	ng		
36) 4-Chloro-3-methylphenol	8.792	107	304303	46.501	ng		99
37) 2-Methylnaphthalene	8.957	142	617213	40.390	ng		98
38) 1-Methylnaphthalene	9.057	142	580585	39.180	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	310975	40.708	ng		99
41) Hexachlorocyclopentadiene	9.104	237	353450	102.923	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	208522	48.118	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	225553	46.286	ng		97
46) 1,1'-Biphenyl	9.422	154	757461	42.166	ng		98
47) 2-Chloronaphthalene	9.451	162	600569	41.675	ng		97
48) 2-Nitroaniline	9.545	65	212227	48.504	ng		97
49) Acenaphthylene	9.869	152	931180	42.389	ng		99
50) Dimethylphthalate	9.728	163	694284	42.331	ng		98
51) 2,6-Dinitrotoluene	9.786	165	163350	49.801	ng	#	82
52) Acenaphthene	10.039	154	662231m	48.142	ng		
53) 3-Nitroaniline	9.957	138	93320	27.688	ng		100
54) 2,4-Dinitrophenol	10.069	184	197038	111.772	ng	#	73
55) Dibenzofuran	10.216	168	821246	41.498	ng		96
56) 4-Nitrophenol	10.122	139	284031	121.425	ng		88
57) 2,4-Dinitrotoluene	10.198	165	227442	55.111	ng	#	79
58) Fluorene	10.557	166	648618	41.996	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.328	232	199022	49.041	ng		94
60) Diethylphthalate	10.428	149	639434	41.289	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	316779	40.009	ng		98
62) 4-Nitroaniline	10.586	138	171023	50.986	ng	#	82
63) Azobenzene	10.710	77	651820	39.144	ng		92
65) 4,6-Dinitro-2-methylph...	10.604	198	125645	61.260	ng	#	71
66) n-Nitrosodiphenylamine	10.669	169	574373	40.931	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	211942	39.267	ng		98
68) Hexachlorobenzene	11.104	284	234983	41.019	ng		94
69) Atrazine	11.198	200	208176	48.183	ng		99
70) Pentachlorophenol	11.304	266	275368	82.560	ng		99
71) Phenanthrene	11.527	178	992919	41.719	ng		99
72) Anthracene	11.580	178	1010914	43.220	ng		99
73) Carbazole	11.733	167	944411	47.335	ng		99
74) Di-n-butylphthalate	12.063	149	996595	42.390	ng		99
75) Fluoranthene	12.721	202	1122959	44.777	ng		98
77) Benzidine	12.845	184	350910	61.707	ng		96
78) Pyrene	12.957	202	1142420	42.058	ng		99
80) Butylbenzylphthalate	13.574	149	392267	43.363	ng		90
81) Benzo(a)anthracene	14.151	228	910528	43.147	ng		98
82) 3,3'-Dichlorobenzidine	14.110	252	177796	31.750	ng		99
83) Chrysene	14.186	228	857970	41.440	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	463678	38.997	ng		98
85) Di-n-octyl phthalate	14.757	149	642354	39.495	ng		94
87) Indeno(1,2,3-cd)pyrene	17.262	276	643402	47.810	ng		99
88) Benzo(b)fluoranthene	15.239	252	753750	56.627	ng	#	99
89) Benzo(k)fluoranthene	15.268	252	734503	53.696	ng		99
90) Benzo(a)pyrene	15.627	252	534132	48.905	ng	#	99
91) Dibenzo(a,h)anthracene	17.286	278	537529	48.380	ng		98
92) Benzo(g,h,i)perylene	17.739	276	664365	59.912	ng		97

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

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