Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132737.D
Acq On : 10 Mar 2023 12:48
Operator : CG\JU
Sample : PB151334BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 10 13:15:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 16:26:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151334BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	234561	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	920364	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	482349	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	900493	20.000	ng	0.00
76) Chrysene-d12	14.186	240	504337	20.000	ng	0.00
86) Perylene-d12	15.727	264	440078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1818710	125.840	ng	0.01
7) Phenol-d6	6.622	99	2278658	120.807	ng	0.00
23) Nitrobenzene-d5	7.551	82	1578422	81.367	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	651107	124.993	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2440428	77.039	ng	0.00
79) Terphenyl-d14	13.116	244	2895043	97.054	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.934	88	295333	36.942	ng	97
3) Pyridine	3.681	79	807294	38.043	ng	95
4) n-Nitrosodimethylamine	3.657	42	340635	42.496	ng	85
6) Aniline	6.645	93	917232	36.135	ng	97
8) 2-Chlorophenol	6.769	128	782845	52.190	ng	97
9) Benzaldehyde	6.534	77	340439	33.449	ng	97
10) Phenol	6.634	94	910853	42.121	ng	95
11) bis(2-Chloroethyl)ether	6.716	93	797630	47.780	ng	95
12) 1,3-Dichlorobenzene	6.922	146	780343	48.478	ng	98
13) 1,4-Dichlorobenzene	6.998	146	775322	48.237	ng	100
14) 1,2-Dichlorobenzene	7.151	146	778148	50.446	ng	99
15) Benzyl Alcohol	7.128	79	686886	47.285	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.251	45	987958	46.409	ng	91
17) 2-Methylphenol	7.239	107	650791	46.488	ng	98
18) Hexachloroethane	7.492	117	322132	51.300	ng	97
19) n-Nitroso-di-n-propyla...	7.398	70	493693	42.529	ng	93
20) 3+4-Methylphenols	7.387	107	679865	37.591	ng	93
22) Acetophenone	7.392	105	971877	41.878	ng	93
24) Nitrobenzene	7.569	77	867455	41.812	ng	98
25) Isophorone	7.804	82	1595949	42.911	ng	99
26) 2-Nitrophenol	7.886	139	425370	46.469	ng	90
27) 2,4-Dimethylphenol	7.916	122	644389	44.603	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	963789	44.298	ng	99
29) 2,4-Dichlorophenol	8.128	162	627771	43.682	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	714821	45.806	ng	100
31) Naphthalene	8.292	128	1996286	42.369	ng	99
32) Benzoic acid	8.057	122	430494	38.627	ng	99
33) 4-Chloroaniline	8.334	127	338201	16.750	ng	95
34) Hexachlorobutadiene	8.398	225	464428	46.834	ng	99
35) Caprolactam	8.722	113	218780m	46.176	ng	
36) 4-Chloro-3-methylphenol	8.828	107	689796	43.705	ng	93
37) 2-Methylnaphthalene	8.981	142	1324015	41.234	ng	99
38) 1-Methylnaphthalene	9.081	142	1226731	40.880	ng	100
40) 1,2,4,5-Tetrachloroben...	9.151	216	716793	45.420	ng	100
41) Hexachlorocyclopentadiene	9.133	237	813001	94.981	ng	99
43) 2,4,6-Trichlorophenol	9.263	196	470553	43.998	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	509992	40.857	ng		98
46) 1,1'-Biphenyl	9.445	154	1583403	43.371	ng		99
47) 2-Chloronaphthalene	9.475	162	1277713	44.142	ng		99
48) 2-Nitroaniline	9.575	65	420075	39.404	ng		89
49) Acenaphthylene	9.892	152	1930197	41.900	ng		99
50) Dimethylphthalate	9.745	163	1537512	43.777	ng		99
51) 2,6-Dinitrotoluene	9.816	165	350057	43.766	ng		91
52) Acenaphthene	10.063	154	1366418m	46.712	ng		
53) 3-Nitroaniline	9.986	138	247085	27.616	ng		95
54) 2,4-Dinitrophenol	10.098	184	400095	79.393	ng		96
55) Dibenzofuran	10.239	168	1731535	40.604	ng		99
56) 4-Nitrophenol	10.157	139	491535	73.665	ng		96
57) 2,4-Dinitrotoluene	10.222	165	465744	43.769	ng		99
58) Fluorene	10.580	166	1353591	41.497	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	408196	44.022	ng		97
60) Diethylphthalate	10.445	149	1464296	42.690	ng		100
61) 4-Chlorophenyl-phenyle...	10.569	204	722190	42.678	ng		97
62) 4-Nitroaniline	10.610	138	369306	42.049	ng		96
63) Azobenzene	10.733	77	1486440	40.918	ng		98
65) 4,6-Dinitro-2-methylph...	10.633	198	276139	45.299	ng		97
66) n-Nitrosodiphenylamine	10.692	169	1229969	43.812	ng		99
67) 4-Bromophenyl-phenylether	11.063	248	470616	46.202	ng		98
68) Hexachlorobenzene	11.133	284	520457	48.559	ng		96
69) Atrazine	11.216	200	438807	50.068	ng		100
70) Pentachlorophenol	11.333	266	473124	74.194	ng		98
71) Phenanthrene	11.551	178	1988057	42.617	ng		99
72) Anthracene	11.604	178	2028066	42.217	ng		99
73) Carbazole	11.763	167	1838548	42.449	ng		99
74) Di-n-butylphthalate	12.074	149	2269273	44.666	ng		100
75) Fluoranthene	12.751	202	2126156	41.691	ng		98
77) Benzidine	12.863	184	774563	63.091	ng		100
78) Pyrene	12.980	202	2168107	47.284	ng		100
80) Butylbenzylphthalate	13.586	149	896131	49.525	ng		99
81) Benzo(a)anthracene	14.174	228	1710122	45.318	ng		98
82) 3,3'-Dichlorobenzidine	14.133	252	340433	30.600	ng	#	98
83) Chrysene	14.215	228	1576686	44.681	ng		99
84) Bis(2-ethylhexyl)phtha...	14.139	149	1124211	50.576	ng		99
85) Di-n-octyl phthalate	14.763	149	1701465	52.381	ng		98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1544197	53.551	ng		99
88) Benzo(b)fluoranthene	15.268	252	1426155	48.358	ng		98
89) Benzo(k)fluoranthene	15.298	252	1409136	48.821	ng		99
90) Benzo(a)pyrene	15.662	252	1231433	44.614	ng		99
91) Dibenzo(a,h)anthracene	17.339	278	1261876	53.709	ng		98
92) Benzo(g,h,i)perylene	17.809	276	1311267	49.339	ng		98

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

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