Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022824\
Data File : BF137426.D
Acq On : 28 Feb 2024 16:51
Operator : CG\JU
Sample : PB159325BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 28 17:30:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB159325BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

02/29/2024
Supervised By :mohammad ahmed

03/01/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	246773	20.000	ng		-0.02
21) Naphthalene-d8	8.063	136	981633	20.000	ng		-0.02
39) Acenaphthene-d10	9.822	164	528535	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	918778	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	515433	20.000	ng		0.00
86) Perylene-d12	15.456	264	449264	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2044394	127.832	ng		0.00
7) Phenol-d6	6.434	99	2809382	119.418	ng		0.00
23) Nitrobenzene-d5	7.351	82	1791020	91.089	ng		-0.01
42) 2,4,6-Tribromophenol	10.621	330	606376	131.749	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	2744850	80.852	ng		-0.01
79) Terphenyl-d14	12.915	244	3088714	83.816	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	330805	37.759	ng		99
3) Pyridine	3.404	79	744858	33.904	ng		99
4) n-Nitrosodimethylamine	3.381	42	387444	46.193	ng		96
6) Aniline	6.451	93	662085	23.732	ng	#	69
8) 2-Chlorophenol	6.569	128	801487	46.725	ng		99
10) Phenol	6.445	94	1091131	42.378	ng		88
11) bis(2-Chloroethyl)ether	6.528	93	811448	43.372	ng		98
12) 1,3-Dichlorobenzene	6.722	146	807406	43.832	ng		99
13) 1,4-Dichlorobenzene	6.798	146	801999	42.288	ng		99
14) 1,2-Dichlorobenzene	6.951	146	781312	44.538	ng		98
15) Benzyl Alcohol	6.934	79	730958	52.124	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	1363737	43.854	ng		99
17) 2-Methylphenol	7.045	107	687182	42.341	ng		97
18) Hexachloroethane	7.292	117	277650	42.485	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	601805	41.512	ng		98
20) 3+4-Methylphenols	7.198	107	765355	41.374	ng		93
22) Acetophenone	7.192	105	1093875	45.954	ng	#	97
24) Nitrobenzene	7.369	77	921970	46.147	ng		98
25) Isophorone	7.610	82	1739761	42.786	ng		98
26) 2-Nitrophenol	7.681	139	400494	52.190	ng		92
27) 2,4-Dimethylphenol	7.728	122	629793	42.115	ng		96
28) bis(2-Chloroethoxy)met...	7.822	93	1036270	44.215	ng		99
29) 2,4-Dichlorophenol	7.928	162	653278	46.610	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	676325	44.956	ng		99
31) Naphthalene	8.086	128	2212867	42.006	ng		99
32) Benzoic acid	7.875	122	444658	48.508	ng		99
33) 4-Chloroaniline	8.139	127	217840	10.872	ng		97
34) Hexachlorobutadiene	8.204	225	385116	43.092	ng		98
35) Caprolactam	8.522	113	229132m	52.864	ng		
36) 4-Chloro-3-methylphenol	8.633	107	729862	45.933	ng		97
37) 2-Methylnaphthalene	8.780	142	1358048	40.007	ng		99
38) 1-Methylnaphthalene	8.880	142	1312511	40.896	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	662579	45.515	ng		98
41) Hexachlorocyclopentadiene	8.933	237	537522	81.441	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	447764	47.439	ng		99
44) 2,4,5-Trichlorophenol	9.110	196	481801	44.493	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.245	154	1719295	44.663	ng		99
47) 2-Chloronaphthalene	9.269	162	1331233	45.792	ng		99
48) 2-Nitroaniline	9.375	65	469821	52.750	ng		92
49) Acenaphthylene	9.686	152	2095971	44.375	ng		99
50) Dimethylphthalate	9.557	163	1579570	43.251	ng		99
51) 2,6-Dinitrotoluene	9.616	165	344754	50.741	ng		91
52) Acenaphthene	9.857	154	1193372	42.326	ng		99
53) 3-Nitroaniline	9.786	138	185419	25.069	ng		95
54) 2,4-Dinitrophenol	9.892	184	352034	102.387	ng		94
55) Dibenzofuran	10.033	168	1796864	41.234	ng		100
56) 4-Nitrophenol	9.963	139	534141	92.039	ng		98
57) 2,4-Dinitrotoluene	10.022	165	434656	50.542	ng		97
58) Fluorene	10.374	166	1377280	41.386	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	401892m	44.818	ng		
60) Diethylphthalate	10.257	149	1482731	43.485	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	654563	39.985	ng		100
62) 4-Nitroaniline	10.410	138	337265m	47.212	ng		
63) Azobenzene	10.533	77	1714553	42.027	ng		97
65) 4,6-Dinitro-2-methylph...	10.433	198	232247	51.348	ng		86
66) n-Nitrosodiphenylamine	10.492	169	1263401	42.340	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	417789	42.298	ng		97
68) Hexachlorobenzene	10.921	284	452837	44.319	ng		95
69) Atrazine	11.027	200	409984	50.912	ng		99
70) Pentachlorophenol	11.121	266	533166	82.359	ng		99
71) Phenanthrene	11.345	178	2123383	41.889	ng		100
72) Anthracene	11.398	178	2156165	41.275	ng		99
73) Carbazole	11.557	167	1960761	43.931	ng		99
74) Di-n-butylphthalate	11.892	149	2220091	49.711	ng		100
75) Fluoranthene	12.539	202	2128942	43.026	ng		99
77) Benzidine	12.668	184	282776	34.423	ng		100
78) Pyrene	12.768	202	2176383	44.655	ng		100
80) Butylbenzylphthalate	13.398	149	600929	71.007	ng		95
81) Benzo(a)anthracene	13.962	228	1562555	43.687	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	301408	37.382	ng		99
83) Chrysene	14.004	228	1563589	42.795	ng		100
84) Bis(2-ethylhexyl)phtha...	13.962	149	743200	70.050	ng		99
85) Di-n-octyl phthalate	14.586	149	1206140	63.545	ng	#	90
87) Indeno(1,2,3-cd)pyrene	16.968	276	1331680	43.010	ng		99
88) Benzo(b)fluoranthene	15.021	252	1296945	47.059	ng		99
89) Benzo(k)fluoranthene	15.057	252	1220397	42.249	ng		99
90) Benzo(a)pyrene	15.398	252	1133255	43.350	ng		99
91) Dibenzo(a,h)anthracene	16.992	278	1084889	42.738	ng		98
92) Benzo(g,h,i)perylene	17.427	276	1096903	41.901	ng		99

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

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