Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022423\
Data File : BF132540.D
Acq On : 24 Feb 2023 13:30
Operator : CG\JU
Sample : PB151058BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 23:18:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151058BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2023
Supervised By :Jagrut Upadhyay 02/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.001	152	208547	20.000	ng		0.00
21) Naphthalene-d8	8.290	136	742017	20.000	ng		0.00
39) Acenaphthene-d10	10.054	164	396390	20.000	ng		0.00
64) Phenanthrene-d10	11.548	188	760595	20.000	ng		0.00
76) Chrysene-d12	14.207	240	465186	20.000	ng		0.00
86) Perylene-d12	15.754	264	427409	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.643	112	1181621	91.957	ng		0.01
7) Phenol-d6	6.637	99	1527265	91.071	ng		0.00
23) Nitrobenzene-d5	7.572	82	1027901	65.724	ng		0.00
42) 2,4,6-Tribromophenol	10.854	330	414788	96.894	ng		0.00
45) 2-Fluorobiphenyl	9.366	172	1614044	62.001	ng		0.00
79) Terphenyl-d14	13.136	244	1856468	67.474	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.002	88	269139	37.865	ng		99
3) Pyridine	3.737	79	638035	33.817	ng		99
4) n-Nitrosodimethylamine	3.708	42	301072	42.246	ng		99
6) Aniline	6.666	93	821989	36.422	ng		100
8) 2-Chlorophenol	6.796	128	548291	41.113	ng		98
9) Benzaldehyde	6.554	77	371521	41.056	ng		94
10) Phenol	6.654	94	775386	40.329	ng		96
11) bis(2-Chloroethyl)ether	6.737	93	614767	41.420	ng		100
12) 1,3-Dichlorobenzene	6.949	146	607055	42.417	ng		99
13) 1,4-Dichlorobenzene	7.025	146	612193	42.839	ng		99
14) 1,2-Dichlorobenzene	7.178	146	562384	41.006	ng		99
15) Benzyl Alcohol	7.148	79	563784	43.652	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.278	45	799696	42.251	ng		99
17) 2-Methylphenol	7.254	107	486116	39.056	ng		98
18) Hexachloroethane	7.519	117	250020	44.783	ng		97
19) n-Nitroso-di-n-propyla...	7.419	70	407408	39.474	ng		98
20) 3+4-Methylphenols	7.407	107	558721	34.746	ng	#	86
22) Acetophenone	7.413	105	780708	41.726	ng		97
24) Nitrobenzene	7.590	77	695963	41.608	ng		94
25) Isophorone	7.825	82	1263567	42.140	ng		98
26) 2-Nitrophenol	7.907	139	315128	42.700	ng		99
27) 2,4-Dimethylphenol	7.943	122	481773	41.362	ng		97
28) bis(2-Chloroethoxy)met...	8.031	93	729830	41.608	ng		100
29) 2,4-Dichlorophenol	8.148	162	487053	42.036	ng		96
30) 1,2,4-Trichlorobenzene	8.231	180	543532	43.201	ng		98
31) Naphthalene	8.313	128	1542339	40.602	ng		99
32) Benzoic acid	8.078	122	392985m	43.229	ng		
33) 4-Chloroaniline	8.360	127	271951	16.707	ng		94
34) Hexachlorobutadiene	8.425	225	358395	44.828	ng		99
35) Caprolactam	8.748	113	162142m	42.447	ng		
36) 4-Chloro-3-methylphenol	8.842	107	541824	42.581	ng		99
37) 2-Methylnaphthalene	9.007	142	1027267	39.682	ng		99
38) 1-Methylnaphthalene	9.107	142	959390	39.656	ng		99
40) 1,2,4,5-Tetrachloroben...	9.172	216	540498	41.676	ng		99
41) Hexachlorocyclopentadiene	9.160	237	735904	104.618	ng		98
43) 2,4,6-Trichlorophenol	9.284	196	371737	42.296	ng		98

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44) 2,4,5-Trichlorophenol	9.331	196	402777	39.265	ng		98
46) 1,1'-Biphenyl	9.472	154	1232701	41.087	ng		99
47) 2-Chloronaphthalene	9.501	162	991004	41.662	ng		100
48) 2-Nitroaniline	9.595	65	345867	39.479	ng		99
49) Acenaphthylene	9.919	152	1519480	40.137	ng		100
50) Dimethylphthalate	9.772	163	1172460	40.623	ng		100
51) 2,6-Dinitrotoluene	9.837	165	270340	41.129	ng		98
52) Acenaphthene	10.089	154	1106287m	46.020	ng		
53) 3-Nitroaniline	10.007	138	201595	27.417	ng		97
54) 2,4-Dinitrophenol	10.119	184	344345	83.061	ng		96
55) Dibenzofuran	10.266	168	1383316	39.472	ng		98
56) 4-Nitrophenol	10.172	139	434518	79.242	ng		87
57) 2,4-Dinitrotoluene	10.242	165	363076	41.520	ng		95
58) Fluorene	10.607	166	1068395	39.856	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.378	232	335026	43.967	ng		99
60) Diethylphthalate	10.472	149	1155823	41.004	ng		99
61) 4-Chlorophenyl-phenyle...	10.595	204	553624	39.811	ng		98
62) 4-Nitroaniline	10.631	138	283001	39.210	ng		95
63) Azobenzene	10.754	77	1196508	40.080	ng		95
65) 4,6-Dinitro-2-methylph...	10.654	198	219264	42.585	ng		97
66) n-Nitrosodiphenylamine	10.719	169	947508	39.959	ng		99
67) 4-Bromophenyl-phenylether	11.089	248	355015	41.264	ng		99
68) Hexachlorobenzene	11.154	284	395620	43.701	ng	#	89
69) Atrazine	11.242	200	331245	44.747	ng		99
70) Pentachlorophenol	11.354	266	433036	80.398	ng		99
71) Phenanthrene	11.578	178	1565016	39.719	ng		99
72) Anthracene	11.631	178	1585677	39.080	ng		100
73) Carbazole	11.783	167	1435897	39.250	ng		99
74) Di-n-butylphthalate	12.101	149	1761274	41.043	ng		99
75) Fluoranthene	12.772	202	1717575	39.874	ng		99
77) Benzidine	12.889	184	910587	80.412	ng		99
78) Pyrene	13.007	202	1727394	40.843	ng		99
80) Butylbenzylphthalate	13.613	149	707860	42.412	ng		96
81) Benzo(a)anthracene	14.195	228	1411381	40.550	ng		98
82) 3,3'-Dichlorobenzidine	14.154	252	307835	29.999	ng		98
83) Chrysene	14.236	228	1300970	39.971	ng		99
84) Bis(2-ethylhexyl)phtha...	14.166	149	897534	43.776	ng		99
85) Di-n-octyl phthalate	14.789	149	1345834	44.920	ng		100
87) Indeno(1,2,3-cd)pyrene	17.365	276	1291898	46.130	ng		98
88) Benzo(b)fluoranthene	15.295	252	1211123	42.284	ng		99
89) Benzo(k)fluoranthene	15.330	252	1190855	42.481	ng		99
90) Benzo(a)pyrene	15.689	252	1069937	39.912	ng		99
91) Dibenzo(a,h)anthracene	17.383	278	1036037	45.404	ng		96
92) Benzo(g,h,i)perylene	17.854	276	1079172	42.056	ng		99

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

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