Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128234.D
Acq On : 13 May 2022 12:15
Operator : CG\JU
Sample : PB144784BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 14 00:55:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144784BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	86700	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	337274	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	189980	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	337770	20.000	ng		0.00
76) Chrysene-d12	14.069	240	234493	20.000	ng		0.00
86) Perylene-d12	15.557	264	180803	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	429829	79.032	ng		0.01
7) Phenol-d6	6.522	99	548424	76.239	ng		0.00
23) Nitrobenzene-d5	7.457	82	573569	76.521	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	168807	77.476	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	953715	78.549	ng		0.00
79) Terphenyl-d14	13.010	244	1108726	88.720	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	86373	35.701	ng		96
3) Pyridine	3.563	79	201661	31.419	ng		96
4) n-Nitrosodimethylamine	3.540	42	132122	41.293	ng		92
6) Aniline	6.551	93	240225	29.571	ng		97
8) 2-Chlorophenol	6.675	128	230481	41.607	ng		99
9) Benzaldehyde	6.446	77	152657	43.418	ng		96
10) Phenol	6.534	94	301627	39.762	ng		93
11) bis(2-Chloroethyl)ether	6.622	93	230539	40.579	ng		97
12) 1,3-Dichlorobenzene	6.828	146	246434	39.525	ng		96
13) 1,4-Dichlorobenzene	6.904	146	248383	39.425	ng		98
14) 1,2-Dichlorobenzene	7.057	146	238151	40.114	ng		99
15) Benzyl Alcohol	7.034	79	233190	41.021	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	328234	38.961	ng		96
17) 2-Methylphenol	7.146	107	192099	40.876	ng	#	93
18) Hexachloroethane	7.393	117	98386	41.336	ng		95
19) n-Nitroso-di-n-propyla...	7.304	70	181678	41.011	ng		98
20) 3+4-Methylphenols	7.293	107	232050	39.878	ng	#	84
22) Acetophenone	7.298	105	335604	39.960	ng	#	87
24) Nitrobenzene	7.475	77	280325	40.522	ng		100
25) Isophorone	7.710	82	512139	43.582	ng		98
26) 2-Nitrophenol	7.787	139	123224	40.565	ng		95
27) 2,4-Dimethylphenol	7.822	122	210236	44.901	ng		93
28) bis(2-Chloroethoxy)met...	7.916	93	288824	38.883	ng		99
29) 2,4-Dichlorophenol	8.034	162	195309	39.678	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	220004	38.997	ng		98
31) Naphthalene	8.192	128	654947	39.320	ng		100
32) Benzoic acid	7.963	122	120494	34.412	ng		93
33) 4-Chloroaniline	8.240	127	131625	19.906	ng		96
34) Hexachlorobutadiene	8.298	225	146322	38.626	ng		98
35) Caprolactam	8.628	113	62402m	38.836	ng		
36) 4-Chloro-3-methylphenol	8.734	107	223613	40.657	ng		97
37) 2-Methylnaphthalene	8.887	142	444132	39.548	ng		98
38) 1-Methylnaphthalene	8.987	142	420268	38.964	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	223111	39.813	ng		99
41) Hexachlorocyclopentadiene	9.034	237	225694	87.599	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	142558	39.485	ng		98

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44) 2,4,5-Trichlorophenol	9.210	196	149623	38.867	ng		98
46) 1,1'-Biphenyl	9.351	154	553459	40.017	ng		99
47) 2-Chloronaphthalene	9.375	162	406035	39.610	ng		96
48) 2-Nitroaniline	9.481	65	149792	40.757	ng		97
49) Acenaphthylene	9.792	152	656106	42.316	ng		100
50) Dimethylphthalate	9.651	163	500504	40.825	ng		100
51) 2,6-Dinitrotoluene	9.722	165	112825	41.953	ng		99
52) Acenaphthene	9.963	154	478433m	44.504	ng		
53) 3-Nitroaniline	9.892	138	70851	24.301	ng		93
54) 2,4-Dinitrophenol	10.004	184	111464	74.920	ng	#	78
55) Dibenzofuran	10.139	168	591713	38.766	ng		98
56) 4-Nitrophenol	10.063	139	146929	72.122	ng		86
57) 2,4-Dinitrotoluene	10.128	165	149355	41.533	ng	#	80
58) Fluorene	10.481	166	477065	40.126	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	124553	37.859	ng		97
60) Diethylphthalate	10.351	149	502137	41.052	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	236912	39.958	ng		94
62) 4-Nitroaniline	10.510	138	108066	36.563	ng		90
63) Azobenzene	10.634	77	529778	39.553	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	81137	38.382	ng		100
66) n-Nitrosodiphenylamine	10.592	169	416541	42.314	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	154919	42.631	ng		93
68) Hexachlorobenzene	11.028	284	170863	42.983	ng		98
69) Atrazine	11.122	200	147844	44.523	ng		97
70) Pentachlorophenol	11.228	266	155903	80.811	ng		97
71) Phenanthrene	11.451	178	705737	41.961	ng		99
72) Anthracene	11.504	178	712881	42.453	ng		100
73) Carbazole	11.657	167	626891	39.259	ng		100
74) Di-n-butylphthalate	11.975	149	776414	42.236	ng		100
75) Fluoranthene	12.639	202	734183	40.264	ng		97
77) Benzidine	12.757	184	226151	44.529	ng		98
78) Pyrene	12.869	202	753061	44.290	ng		100
80) Butylbenzylphthalate	13.475	149	304224	43.038	ng		98
81) Benzo(a)anthracene	14.057	228	626556	41.832	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	128670	38.286	ng		100
83) Chrysene	14.098	228	569185	39.828	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	407296	42.645	ng		98
85) Di-n-octyl phthalate	14.645	149	620508	40.672	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	464843	42.502	ng		95
88) Benzo(b)fluoranthene	15.121	252	492888	43.977	ng		98
89) Benzo(k)fluoranthene	15.151	252	478894	43.286	ng		99
90) Benzo(a)pyrene	15.498	252	446688	49.367	ng	#	97
91) Dibenzo(a,h)anthracene	17.098	278	405011	45.741	ng	#	96
92) Benzo(g,h,i)perylene	17.545	276	410283	45.763	ng		97

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

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