Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124154.D
Acq On : 7 Jun 2021 13:23
Operator : JU/CG
Sample : PB136851BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136851BSD

Manual Integrations APPROVED
mohammad
6/8/2021 2:50:30 PM

Quant Time: Jun 07 14:06:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	52159	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	197274	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	117722	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	213387	20.000	ng		0.00
76) Chrysene-d12	14.039	240	130293	20.000	ng	#	0.00
86) Perylene-d12	15.515	264	102698	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	410182	118.381	ng		0.02
7) Phenol-d6	6.510	99	505065	108.444	ng		0.00
23) Nitrobenzene-d5	7.434	82	397015	79.819	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	202399	121.354	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	764501	81.720	ng		0.00
79) Terphenyl-d14	12.980	244	812807	85.649	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	44836	29.568	ng		92
3) Pyridine	3.481	79	112770	29.038	ng	#	75
4) n-Nitrosodimethylamine	3.434	42	82516	35.759	ng		96
6) Aniline	6.528	93	172482	32.424	ng	#	82
8) 2-Chlorophenol	6.651	128	156176	40.507	ng		97
9) Benzaldehyde	6.410	77	96353	46.543	ng		93
10) Phenol	6.522	94	195578	38.857	ng	#	67
11) bis(2-Chloroethyl)ether	6.598	93	149109	40.637	ng		96
12) 1,3-Dichlorobenzene	6.804	146	173166	38.420	ng		93
13) 1,4-Dichlorobenzene	6.881	146	177396	39.238	ng		93
14) 1,2-Dichlorobenzene	7.034	146	168328	38.921	ng		97
15) Benzyl Alcohol	7.010	79	156669	37.315	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	216783	37.872	ng		87
17) 2-Methylphenol	7.122	107	126302	40.299	ng	#	87
18) Hexachloroethane	7.375	117	68895	38.696	ng	#	89
19) n-Nitroso-di-n-propyla...	7.281	70	133036	40.464	ng		87
20) 3+4-Methylphenols	7.275	107	165154	39.769	ng	#	83
22) Acetophenone	7.275	105	230558	40.997	ng	#	90
24) Nitrobenzene	7.451	77	191840	38.446	ng		99
25) Isophorone	7.687	82	327232	36.509	ng		99
26) 2-Nitrophenol	7.763	139	88533	39.719	ng	#	89
27) 2,4-Dimethylphenol	7.804	122	140493	44.699	ng		89
28) bis(2-Chloroethoxy)met...	7.892	93	191800	43.164	ng		98
29) 2,4-Dichlorophenol	8.010	162	149510	41.109	ng		92
30) 1,2,4-Trichlorobenzene	8.086	180	159788	39.204	ng		98
31) Naphthalene	8.169	128	451490	38.280	ng		98
32) Benzoic acid	7.951	122	73635	38.179	ng		91
33) 4-Chloroaniline	8.216	127	86745	19.774	ng		98
34) Hexachlorobutadiene	8.286	225	111133	38.602	ng		98
35) Caprolactam	8.604	113	36636m	36.668	ng		
36) 4-Chloro-3-methylphenol	8.710	107	156485	39.327	ng	#	83
37) 2-Methylnaphthalene	8.863	142	332589	40.211	ng		96
38) 1-Methylnaphthalene	8.963	142	299516	38.751	ng		96
40) 1,2,4,5-Tetrachloroben...	9.028	216	172400	41.334	ng		99
41) Hexachlorocyclopentadiene	9.016	237	195751	85.900	ng		95
43) 2,4,6-Trichlorophenol	9.139	196	107582	39.548	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	119248	40.835	ng		93
46) 1,1'-Biphenyl	9.328	154	411736	41.432	ng		98
47) 2-Chloronaphthalene	9.351	162	315434	38.997	ng		98
48) 2-Nitroaniline	9.451	65	113722	38.958	ng		94
49) Acenaphthylene	9.769	152	465652	39.604	ng		96
50) Dimethylphthalate	9.633	163	399886	41.057	ng		99
51) 2,6-Dinitrotoluene	9.692	165	86262	38.627	ng		90
52) Acenaphthene	9.939	154	297132	38.692	ng		95
53) 3-Nitroaniline	9.863	138	49949	23.898	ng		89
54) 2,4-Dinitrophenol	9.975	184	88505	77.625	ng		88
55) Dibenzofuran	10.116	168	462756	38.502	ng		98
56) 4-Nitrophenol	10.039	139	113105	75.721	ng		87
57) 2,4-Dinitrotoluene	10.098	165	119095	40.437	ng		95
58) Fluorene	10.457	166	361816	39.218	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.233	232	94189	39.802	ng		94
60) Diethylphthalate	10.328	149	409420	41.653	ng		96
61) 4-Chlorophenyl-phenyle...	10.445	204	193811	41.085	ng		97
62) 4-Nitroaniline	10.480	138	79269	37.720	ng		90
63) Azobenzene	10.604	77	393549	38.410	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	59577	34.742	ng	#	72
66) n-Nitrosodiphenylamine	10.569	169	333926	41.186	ng		96
67) 4-Bromophenyl-phenylether	10.933	248	120825	41.253	ng		89
68) Hexachlorobenzene	11.004	284	131249	39.564	ng		99
69) Atrazine	11.098	200	116620	50.812	ng		96
70) Pentachlorophenol	11.204	266	125307	72.165	ng		99
71) Phenanthrene	11.422	178	519414	38.966	ng		100
72) Anthracene	11.475	178	539860	40.214	ng		98
73) Carbazole	11.627	167	427109	36.509	ng		96
74) Di-n-butylphthalate	11.951	149	648589	43.140	ng		98
75) Fluoranthene	12.610	202	530050	37.882	ng		97
77) Benzidine	12.727	184	221285	70.769	ng	#	95
78) Pyrene	12.839	202	521536	41.685	ng		99
80) Butylbenzylphthalate	13.451	149	234671	46.237	ng		96
81) Benzo(a)anthracene	14.027	228	377107	39.730	ng		97
82) 3,3'-Dichlorobenzidine	13.986	252	87223	31.324	ng		95
83) Chrysene	14.063	228	367191	40.096	ng		97
84) Bis(2-ethylhexyl)phtha...	14.010	149	323985	53.663	ng		99
85) Di-n-octyl phthalate	14.621	149	465526	57.776	ng	#	91
87) Indeno(1,2,3-cd)pyrene	17.009	276	319831	38.374	ng		98
88) Benzo(b)fluoranthene	15.086	252	326511	40.928	ng		96
89) Benzo(k)fluoranthene	15.115	252	303410	40.175	ng		98
90) Benzo(a)pyrene	15.457	252	290812	41.969	ng		96
91) Dibenzo(a,h)anthracene	17.027	278	273058	38.353	ng		99
92) Benzo(g,h,i)perylene	17.468	276	263413	37.496	ng		100

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

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