Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123902.D
Acq On : 11 May 2021 3:23
Operator : JU/CG
Sample : PB136232BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136232BS

Manual Integrations APPROVED
mohammad
5/11/2021 4:16:25 PM

Quant Time: May 11 05:41:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 16:46:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	103301	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	381594	20.00	ng	# 0.00
39) Acenaphthene-d10	9.810	164	201300	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	384810	20.00	ng	0.00
76) Chrysene-d12	13.933	240	229721	20.00	ng	# 0.00
86) Perylene-d12	15.368	264	202704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	807065	114.10	ng	0.01
7) Phenol-d6	6.422	99	1043660	110.55	ng	0.00
23) Nitrobenzene-d5	7.339	82	753034	81.91	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	357027	120.41	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1261213	78.19	ng	0.00
79) Terphenyl-d14	12.880	244	1358597	96.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	102757	31.83	ng	# 93
3) Pyridine	3.263	79	225514	29.82	ng	# 92
4) n-Nitrosodimethylamine	3.216	42	237347	40.11	ng	# 70
6) Aniline	6.433	93	376693	36.65	ng	# 1
8) 2-Chlorophenol	6.563	128	315283	42.70	ng	97
9) Benzaldehyde	6.322	77	252887	62.17	ng	99
10) Phenol	6.433	94	430985	43.02	ng	# 58
11) bis(2-Chloroethyl)ether	6.510	93	298402	44.71	ng	97
12) 1,3-Dichlorobenzene	6.710	146	324918	42.50	ng	98
13) 1,4-Dichlorobenzene	6.786	146	337554	44.12	ng	100
14) 1,2-Dichlorobenzene	6.939	146	313755	42.53	ng	97
15) Benzyl Alcohol	6.922	79	326121	42.70	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	652793	44.22	ng	92
17) 2-Methylphenol	7.039	107	270409	43.77	ng	# 88
18) Hexachloroethane	7.281	117	140218	44.65	ng	94
19) n-Nitroso-di-n-propyla...	7.192	70	258707	44.75	ng	93
20) 3+4-Methylphenols	7.192	107	355516	43.85	ng	# 87
22) Acetophenone	7.186	105	518933	46.00	ng	# 91
24) Nitrobenzene	7.357	77	401772	42.79	ng	93
25) Isophorone	7.598	82	657129	41.54	ng	99
26) 2-Nitrophenol	7.675	139	162756	43.37	ng	# 94
27) 2,4-Dimethylphenol	7.716	122	277765	48.14	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	369372	48.33	ng	98
29) 2,4-Dichlorophenol	7.922	162	257188	43.75	ng	97
30) 1,2,4-Trichlorobenzene	7.998	180	273233	43.39	ng	99
31) Naphthalene	8.075	128	899602	42.61	ng	100
32) Benzoic acid	7.863	122	146514	45.31	ng	92
33) 4-Chloroaniline	8.127	127	150610	17.72	ng	97
34) Hexachlorobutadiene	8.192	225	178307	42.17	ng	99
35) Caprolactam	8.510	113	81664m	42.82	ng	
36) 4-Chloro-3-methylphenol	8.622	107	333686	44.29	ng	100
37) 2-Methylnaphthalene	8.769	142	603569	44.11	ng	99
38) 1-Methylnaphthalene	8.869	142	563221	42.69	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	291860	42.27	ng	99
41) Hexachlorocyclopentadiene	8.922	237	281789	85.88	ng	100
43) 2,4,6-Trichlorophenol	9.051	196	187221	39.90	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	195987	41.68	ng		99
46) 1,1'-Biphenyl	9.233	154	756013	42.25	ng		99
47) 2-Chloronaphthalene	9.257	162	554711	40.69	ng		99
48) 2-Nitroaniline	9.357	65	249256	41.81	ng		91
49) Acenaphthylene	9.674	152	915844	42.03	ng		99
50) Dimethylphthalate	9.539	163	643707	42.14	ng		99
51) 2,6-Dinitrotoluene	9.598	165	141728	41.16	ng	#	78
52) Acenaphthene	9.845	154	544374	41.17	ng		99
53) 3-Nitroaniline	9.769	138	91073	23.36	ng		99
54) 2,4-Dinitrophenol	9.880	184	138433	83.96	ng	#	81
55) Dibenzofuran	10.016	168	826454	40.64	ng		97
56) 4-Nitrophenol	9.951	139	193414	71.59	ng	#	69
57) 2,4-Dinitrotoluene	10.010	165	197813	41.72	ng	#	86
58) Fluorene	10.363	166	686912	43.06	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	156207	40.77	ng	#	99
60) Diethylphthalate	10.239	149	705059	44.74	ng		98
61) 4-Chlorophenyl-phenyle...	10.351	204	325476	43.29	ng		99
62) 4-Nitroaniline	10.386	138	155541	38.45	ng	#	75
63) Azobenzene	10.510	77	753741	42.92	ng		91
65) 4,6-Dinitro-2-methylph...	10.416	198	94603	40.35	ng		94
66) n-Nitrosodiphenylamine	10.474	169	580506	45.49	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	200528	48.69	ng		95
68) Hexachlorobenzene	10.910	284	234993	47.58	ng		93
69) Atrazine	11.004	200	184087	50.17	ng		98
70) Pentachlorophenol	11.110	266	204750	94.90	ng		98
71) Phenanthrene	11.321	178	943361	42.94	ng		99
72) Anthracene	11.374	178	963577	44.07	ng		99
73) Carbazole	11.527	167	877963	41.04	ng		98
74) Di-n-butylphthalate	11.857	149	1072304	47.51	ng		99
75) Fluoranthene	12.504	202	988678	39.95	ng		98
77) Benzidine	12.627	184	493116	102.45	ng		98
78) Pyrene	12.739	202	995522	49.27	ng		97
80) Butylbenzylphthalate	13.357	149	375803	52.71	ng		94
81) Benzo(a)anthracene	13.921	228	680743	44.58	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	126937	29.28	ng		100
83) Chrysene	13.962	228	646331	43.91	ng		99
84) Bis(2-ethylhexyl)phtha...	13.915	149	473494	55.75	ng		99
85) Di-n-octyl phthalate	14.527	149	636289	54.20	ng		99
87) Indeno(1,2,3-cd)pyrene	16.798	276	700976	48.83	ng	#	95
88) Benzo(b)fluoranthene	14.956	252	627367	44.93	ng		100
89) Benzo(k)fluoranthene	14.986	252	538897	41.83	ng		96
90) Benzo(a)pyrene	15.315	252	562401	46.16	ng	#	96
91) Dibenzo(a,h)anthracene	16.809	278	586948	48.81	ng	#	98
92) Benzo(g,h,i)perylene	17.221	276	587397	46.01	ng	#	96

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

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