Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
Data File : BF123977.D
Acq On : 18 May 2021 14:12
Operator : JU/CG
Sample : PB136493BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136493BS

Manual Integrations APPROVED
mohammad
5/19/2021 11:40:09 AM

Quant Time: May 18 15:10:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	67132	20.00	ng		0.00
21) Naphthalene-d8	8.192	136	261166	20.00	ng		0.00
39) Acenaphthene-d10	9.951	164	143993	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	244243	20.00	ng		# 0.00
76) Chrysene-d12	14.080	240	149596	20.00	ng		0.01
86) Perylene-d12	15.568	264	111916	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	489391	102.35	ng		0.03
7) Phenol-d6	6.540	99	628090	101.26	ng		0.02
23) Nitrobenzene-d5	7.475	82	443463	73.16	ng		0.01
42) 2,4,6-Tribromophenol	10.739	330	186876	108.05	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	792318	67.71	ng		0.00
79) Terphenyl-d14	13.021	244	758378	76.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	75347	35.88	ng		95
3) Pyridine	3.563	79	163588	30.19	ng		99
4) n-Nitrosodimethylamine	3.528	42	128073	36.38	ng	#	81
6) Aniline	6.569	93	214729	30.49	ng		93
8) 2-Chlorophenol	6.692	128	190241	38.23	ng		98
9) Benzaldehyde	6.451	77	26855	10.01	ng		90
10) Phenol	6.551	94	253634	40.46	ng		96
11) bis(2-Chloroethyl)ether	6.640	93	187323	38.45	ng		97
12) 1,3-Dichlorobenzene	6.851	146	213101	36.76	ng		93
13) 1,4-Dichlorobenzene	6.928	146	216402	36.49	ng		93
14) 1,2-Dichlorobenzene	7.075	146	206543	37.27	ng		95
15) Benzyl Alcohol	7.045	79	196639	36.71	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.181	45	369996	37.72	ng		97
17) 2-Methylphenol	7.157	107	155101	38.44	ng		95
18) Hexachloroethane	7.422	117	82885	37.71	ng		91
19) n-Nitroso-di-n-propyla...	7.322	70	162504	38.77	ng		95
20) 3+4-Methylphenols	7.310	107	203152	38.22	ng		95
22) Acetophenone	7.322	105	277115	37.37	ng	#	97
24) Nitrobenzene	7.492	77	223883	36.12	ng		99
25) Isophorone	7.734	82	412812	35.40	ng		98
26) 2-Nitrophenol	7.804	139	99487	42.67	ng		97
27) 2,4-Dimethylphenol	7.839	122	174942	39.19	ng		93
28) bis(2-Chloroethoxy)met...	7.939	93	234703	40.03	ng		98
29) 2,4-Dichlorophenol	8.045	162	165180	36.55	ng		91
30) 1,2,4-Trichlorobenzene	8.134	180	178354	35.11	ng		98
31) Naphthalene	8.216	128	538704	34.85	ng		98
32) Benzoic acid	7.975	122	89458	36.51	ng		95
33) 4-Chloroaniline	8.257	127	128640	21.86	ng		98
34) Hexachlorobutadiene	8.334	225	119828	36.03	ng		97
35) Caprolactam	8.633	113	49545m	40.27	ng		
36) 4-Chloro-3-methylphenol	8.739	107	182832	37.00	ng		92
37) 2-Methylnaphthalene	8.904	142	380089	36.28	ng		98
38) 1-Methylnaphthalene	9.004	142	353287	36.14	ng		97
40) 1,2,4,5-Tetrachloroben...	9.075	216	188488	36.29	ng		98
41) Hexachlorocyclopentadiene	9.063	237	233286	70.62	ng		92
43) 2,4,6-Trichlorophenol	9.181	196	118494	35.16	ng		97

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44) 2,4,5-Trichlorophenol	9.222	196	125546	35.86	ng		95
46) 1,1'-Biphenyl	9.369	154	464632	36.63	ng		98
47) 2-Chloronaphthalene	9.398	162	350204	34.77	ng		96
48) 2-Nitroaniline	9.486	65	135014	39.69	ng		97
49) Acenaphthylene	9.816	152	558132	37.50	ng		97
50) Dimethylphthalate	9.675	163	427411	37.17	ng		99
51) 2,6-Dinitrotoluene	9.733	165	93670	40.28	ng	#	84
52) Acenaphthene	9.986	154	407048	39.95	ng		97
53) 3-Nitroaniline	9.898	138	67529	29.22	ng		94
54) 2,4-Dinitrophenol	10.010	184	99007	79.28	ng	#	84
55) Dibenzofuran	10.157	168	508351	34.74	ng		99
56) 4-Nitrophenol	10.063	139	146351	76.57	ng		94
57) 2,4-Dinitrotoluene	10.139	165	123026	43.14	ng		89
58) Fluorene	10.498	166	390132	35.38	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.269	232	108613	37.73	ng		94
60) Diethylphthalate	10.369	149	427040	37.50	ng		96
61) 4-Chlorophenyl-phenyle...	10.486	204	202031	36.56	ng		96
62) 4-Nitroaniline	10.516	138	87740	38.17	ng		91
63) Azobenzene	10.651	77	439731	34.72	ng		93
65) 4,6-Dinitro-2-methylph...	10.545	198	62280	40.53	ng	#	74
66) n-Nitrosodiphenylamine	10.610	169	347971	37.29	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	119587	37.26	ng		96
68) Hexachlorobenzene	11.045	284	134710	37.59	ng		92
69) Atrazine	11.133	200	116445	44.18	ng		97
70) Pentachlorophenol	11.239	266	150637	70.91	ng		98
71) Phenanthrene	11.463	178	557449	36.01	ng		99
72) Anthracene	11.516	178	571243	36.42	ng		98
73) Carbazole	11.663	167	467468	34.07	ng		99
74) Di-n-butylphthalate	11.992	149	637142	37.10	ng		98
75) Fluoranthene	12.651	202	537271	33.52	ng		98
77) Benzidine	12.763	184	131171	36.34	ng	#	95
78) Pyrene	12.880	202	521949	39.30	ng		98
80) Butylbenzylphthalate	13.492	149	217478	41.76	ng		99
81) Benzo(a)anthracene	14.068	228	396696	36.67	ng		97
82) 3,3'-Dichlorobenzidine	14.027	252	108972	32.42	ng		98
83) Chrysene	14.104	228	365736	35.15	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	290863	39.58	ng		97
85) Di-n-octyl phthalate	14.668	149	415524	37.40	ng		99
87) Indeno(1,2,3-cd)pyrene	17.080	276	341661	39.53	ng	#	94
88) Benzo(b)fluoranthene	15.133	252	336668	38.89	ng		97
89) Benzo(k)fluoranthene	15.162	252	309972	39.29	ng		98
90) Benzo(a)pyrene	15.510	252	281826	37.66	ng		97
91) Dibenzo(a,h)anthracene	17.104	278	294503	40.46	ng		94
92) Benzo(g,h,i)perylene	17.545	276	278539	38.16	ng		92

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

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