Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123596.D
Acq On : 16 Apr 2021 17:30
Operator : JU/CG
Sample : PB135774BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135774BS

Manual Integrations APPROVED
mohammad
4/19/2021 11:45:04 AM

Quant Time: Apr 17 01:24:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	227139	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	880335	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	455097	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	811107	20.00	ng		0.00
76) Chrysene-d12	14.057	240	512896	20.00	ng		0.00
86) Perylene-d12	15.539	264	386254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1739375	123.77	ng		0.01
7) Phenol-d6	6.504	99	2227809	114.40	ng		0.00
23) Nitrobenzene-d5	7.434	82	1608200	83.98	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	661809	128.42	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2541518	83.25	ng		0.00
79) Terphenyl-d14	12.998	244	2592985	98.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	257831	35.12	ng		99
3) Pyridine	3.440	79	713550	39.75	ng		99
4) n-Nitrosodimethylamine	3.393	42	469793	44.16	ng		95
6) Aniline	6.534	93	829019	36.17	ng		99
8) 2-Chlorophenol	6.657	128	688658	45.62	ng		98
9) Benzaldehyde	6.416	77	427455	33.62	ng		98
10) Phenol	6.516	94	929563	44.95	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	700943	45.58	ng		98
12) 1,3-Dichlorobenzene	6.810	146	696109	44.86	ng		99
13) 1,4-Dichlorobenzene	6.887	146	709985	45.09	ng		98
14) 1,2-Dichlorobenzene	7.040	146	665294	44.96	ng		98
15) Benzyl Alcohol	7.010	79	712674	46.38	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1596712	46.00	ng		99
17) 2-Methylphenol	7.122	107	599948	46.26	ng		99
18) Hexachloroethane	7.387	117	290295	46.23	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	573274	44.44	ng		98
20) 3+4-Methylphenols	7.275	107	732272	44.25	ng		95
22) Acetophenone	7.281	105	1074564	44.01	ng	#	97
24) Nitrobenzene	7.451	77	850927	42.20	ng		95
25) Isophorone	7.692	82	1583895	42.63	ng		99
26) 2-Nitrophenol	7.769	139	352322	51.13	ng		97
27) 2,4-Dimethylphenol	7.804	122	619640	48.73	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	894760	47.99	ng		99
29) 2,4-Dichlorophenol	8.010	162	548591	44.31	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	575471	43.26	ng		99
31) Naphthalene	8.181	128	1953317	43.08	ng		100
32) Benzoic acid	7.934	122	414424	48.89	ng		93
33) 4-Chloroaniline	8.222	127	371210	19.93	ng		96
34) Hexachlorobutadiene	8.298	225	363184	43.51	ng		99
35) Caprolactam	8.598	113	191727m	44.36	ng		
36) 4-Chloro-3-methylphenol	8.710	107	709108	44.16	ng		96
37) 2-Methylnaphthalene	8.875	142	1309107	44.03	ng		97
38) 1-Methylnaphthalene	8.969	142	1205314	42.84	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	567079	45.15	ng		99
41) Hexachlorocyclopentadiene	9.028	237	727976	111.53	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	401199	47.07	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	427524	45.88	ng		98
46) 1,1'-Biphenyl	9.339	154	1567907	44.02	ng		99
47) 2-Chloronaphthalene	9.363	162	1155293	43.10	ng		99
48) 2-Nitroaniline	9.457	65	512615	45.90	ng		97
49) Acenaphthylene	9.781	152	2008195	45.80	ng		99
50) Dimethylphthalate	9.639	163	1392259	44.28	ng		100
51) 2,6-Dinitrotoluene	9.698	165	300564	43.55	ng		98
52) Acenaphthene	9.951	154	1398684	49.72	ng		99
53) 3-Nitroaniline	9.869	138	208475	26.04	ng		87
54) 2,4-Dinitrophenol	9.975	184	336771	111.09	ng		94
55) Dibenzofuran	10.128	168	1711995	42.42	ng		99
56) 4-Nitrophenol	10.033	139	521671	85.03	ng		93
57) 2,4-Dinitrotoluene	10.104	165	415084	45.03	ng	#	88
58) Fluorene	10.469	166	1337047	42.15	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	343941	46.35	ng		99
60) Diethylphthalate	10.345	149	1521051	44.19	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	639509	43.68	ng		95
62) 4-Nitroaniline	10.486	138	335071	41.44	ng		93
63) Azobenzene	10.622	77	1634793	41.93	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	208629	49.30	ng	#	75
66) n-Nitrosodiphenylamine	10.581	169	1181349	45.50	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	400319	47.21	ng		98
68) Hexachlorobenzene	11.016	284	452320	47.33	ng		98
69) Atrazine	11.110	200	390196	48.22	ng		98
70) Pentachlorophenol	11.210	266	505733	101.29	ng		99
71) Phenanthrene	11.433	178	1856596	43.86	ng		99
72) Anthracene	11.486	178	1929300	45.60	ng		99
73) Carbazole	11.639	167	1776978	42.08	ng		99
74) Di-n-butylphthalate	11.975	149	2363847	46.25	ng		98
75) Fluoranthene	12.622	202	1944632	41.80	ng		98
77) Benzidine	12.745	184	748249	53.67	ng		99
78) Pyrene	12.857	202	1982594	52.97	ng		98
80) Butylbenzylphthalate	13.474	149	912495	51.88	ng		96
81) Benzo(a)anthracene	14.045	228	1413323	44.97	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	338662	33.73	ng	#	99
83) Chrysene	14.086	228	1422218	45.06	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1172772	50.14	ng		100
85) Di-n-octyl phthalate	14.651	149	1837083	48.80	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	1311184	63.62	ng		100
88) Benzo(b)fluoranthene	15.110	252	1210635	44.39	ng		100
89) Benzo(k)fluoranthene	15.139	252	1134176	46.49	ng		98
90) Benzo(a)pyrene	15.480	252	1027788	47.38	ng		97
91) Dibenzo(a,h)anthracene	17.062	278	1107125	63.52	ng		100
92) Benzo(g,h,i)perylene	17.498	276	1120320	60.96	ng		96

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

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