Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012221\
Data File : BF123037.D
Acq On : 22 Jan 2021 16:21
Operator : JU/CG
Sample : PB134172BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134172BS

Manual Integrations APPROVED
mohammad
1/25/2021 11:29:02 AM

Quant Time: Jan 22 16:44:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 15:39:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	551126	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	2231446	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	1186016	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	2144112	20.00	ng		0.00
76) Chrysene-d12	14.086	240	1612086	20.00	ng	#	0.00
86) Perylene-d12	15.580	264	1569699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	2544952	70.96	ng		0.01
7) Phenol-d6	6.516	99	3300914	67.81	ng		0.00
23) Nitrobenzene-d5	7.457	82	3337163	79.29	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	853509	69.45	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	5663211	73.76	ng		0.00
79) Terphenyl-d14	13.027	244	6332691	79.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	542781	30.30	ng		98
3) Pyridine	3.510	79	1546625	32.38	ng		97
4) n-Nitrosodimethylamine	3.469	42	718214	37.09	ng		99
6) Aniline	6.551	93	1369335	22.59	ng		100
8) 2-Chlorophenol	6.675	128	1595924	40.29	ng		98
9) Benzaldehyde	6.440	77	232057	11.53	ng		99
10) Phenol	6.528	94	1981526	41.04	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	1495943	38.15	ng		99
12) 1,3-Dichlorobenzene	6.834	146	1598355	34.20	ng		98
13) 1,4-Dichlorobenzene	6.910	146	1621043	35.81	ng		98
14) 1,2-Dichlorobenzene	7.063	146	1496582	33.94	ng		97
15) Benzyl Alcohol	7.034	79	1359082	39.13	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	2097843	35.69	ng		98
17) 2-Methylphenol	7.140	107	1334796	40.04	ng		98
18) Hexachloroethane	7.410	117	605840	36.09	ng		94
19) n-Nitroso-di-n-propyla...	7.310	70	1083611	37.46	ng		98
20) 3+4-Methylphenols	7.292	107	1575026	39.87	ng	#	86
22) Acetophenone	7.304	105	2047094	35.41	ng		95
24) Nitrobenzene	7.475	77	1614660	37.06	ng		99
25) Isophorone	7.716	82	3006082	37.74	ng		99
26) 2-Nitrophenol	7.792	139	763660	39.87	ng		95
27) 2,4-Dimethylphenol	7.828	122	1514954	43.41	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	1908824	35.38	ng		99
29) 2,4-Dichlorophenol	8.034	162	1308209	37.90	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	1368157	34.68	ng		99
31) Naphthalene	8.198	128	4355040	34.49	ng		97
32) Benzoic acid	7.951	122	917348	38.61	ng		96
33) 4-Chloroaniline	8.245	127	761492	14.05	ng		99
34) Hexachlorobutadiene	8.322	225	743997	34.02	ng		99
35) Caprolactam	8.616	113	451159m	37.29	ng		
36) 4-Chloro-3-methylphenol	8.728	107	1447772	38.91	ng		97
37) 2-Methylnaphthalene	8.892	142	3023392	36.90	ng		99
38) 1-Methylnaphthalene	8.992	142	2823706	36.26	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	1173113	34.26	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	1418242	83.33	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	940240	38.26	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	930465	36.74	ng		98
46) 1,1'-Biphenyl	9.357	154	3440049	34.22	ng		97
47) 2-Chloronaphthalene	9.386	162	2705349	34.05	ng		98
48) 2-Nitroaniline	9.475	65	856908	36.77	ng		91
49) Acenaphthylene	9.804	152	4191874	34.81	ng		97
50) Dimethylphthalate	9.663	163	3217497	34.95	ng		99
51) 2,6-Dinitrotoluene	9.722	165	752391	39.43	ng		94
52) Acenaphthene	9.975	154	2927713	37.95	ng		99
53) 3-Nitroaniline	9.886	138	477697	19.96	ng		96
54) 2,4-Dinitrophenol	9.998	184	665597	80.30	ng		91
55) Dibenzofuran	10.151	168	3754030	34.29	ng		97
56) 4-Nitrophenol	10.051	139	1404348	80.99	ng		98
57) 2,4-Dinitrotoluene	10.128	165	998968	41.45	ng		98
58) Fluorene	10.492	166	2835592	39.03	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	769717m	37.72	ng		
60) Diethylphthalate	10.363	149	3253215	35.26	ng		98
61) 4-Chlorophenyl-phenyle...	10.481	204	1370567	33.30	ng		94
62) 4-Nitroaniline	10.510	138	791800	32.80	ng		94
63) Azobenzene	10.645	77	3183943	35.45	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	462231	44.21	ng		87
66) n-Nitrosodiphenylamine	10.604	169	2653811	36.02	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	868941	35.16	ng		97
68) Hexachlorobenzene	11.045	284	986797	35.14	ng		95
69) Atrazine	11.128	200	766841	36.38	ng		95
70) Pentachlorophenol	11.233	266	1136617	79.93	ng		98
71) Phenanthrene	11.457	178	4216396	31.97	ng		96
72) Anthracene	11.510	178	4412919	33.83	ng		96
73) Carbazole	11.663	167	3961399	34.01	ng		96
74) Di-n-butylphthalate	11.998	149	4748210	33.03	ng		98
75) Fluoranthene	12.651	202	4381334	32.95	ng		94
77) Benzidine	12.769	184	1329991	31.23	ng		99
78) Pyrene	12.880	202	4444368	35.97	ng		96
80) Butylbenzylphthalate	13.504	149	2173724	38.11	ng		96
81) Benzo(a)anthracene	14.080	228	3822840	35.46	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	930366	26.35	ng		98
83) Chrysene	14.116	228	3877957	36.43	ng		96
84) Bis(2-ethylhexyl)phtha...	14.069	149	2798941	36.24	ng		98
85) Di-n-octyl phthalate	14.686	149	4935673	38.27	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	3970572	37.72	ng	#	91
88) Benzo(b)fluoranthene	15.145	252	4154117	37.02	ng	#	98
89) Benzo(k)fluoranthene	15.174	252	3729594	35.36	ng	#	95
90) Benzo(a)pyrene	15.515	252	3584615	35.89	ng	#	95
91) Dibenzo(a,h)anthracene	17.110	278	3319955	37.98	ng	#	93
92) Benzo(g,h,i)perylene	17.551	276	3206365	38.89	ng	#	94

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

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