Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012821\
Data File : BF123056.D
Acq On : 28 Jan 2021 12:33
Operator : JU/CG
Sample : PB134374BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134374BS

Manual Integrations APPROVED
mohammad
1/29/2021 10:33:29 AM

Quant Time: Jan 28 14:55:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	312897	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	1205523	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	655945	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	1152073	20.00	ng	0.00
76) Chrysene-d12	14.086	240	913325	20.00	ng	0.00
86) Perylene-d12	15.568	264	827319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2255240	111.18	ng	0.02
7) Phenol-d6	6.528	99	2991812	108.81	ng	0.01
23) Nitrobenzene-d5	7.457	82	1714692	71.58	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	861857	121.04	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3139992	71.16	ng	0.00
79) Terphenyl-d14	13.027	244	3329319	71.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	410323	40.66	ng	95
3) Pyridine	3.546	79	1138004	42.16	ng	95
4) n-Nitrosodimethylamine	3.504	42	493340	43.44	ng	97
6) Aniline	6.557	93	1063406	31.42	ng	99
8) 2-Chlorophenol	6.681	128	966520	43.96	ng	96
9) Benzaldehyde	6.440	77	44861	3.57	ng	99
10) Phenol	6.540	94	1174595m	43.08	ng	
11) bis(2-Chloroethyl)ether	6.634	93	968573	42.68	ng	100
12) 1,3-Dichlorobenzene	6.834	146	1054309	41.12	ng	97
13) 1,4-Dichlorobenzene	6.910	146	1067808	39.99	ng	98
14) 1,2-Dichlorobenzene	7.069	146	999909	40.02	ng	100
15) Benzyl Alcohol	7.034	79	850231	44.11	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1426673	40.77	ng	97
17) 2-Methylphenol	7.145	107	846457	45.24	ng	98
18) Hexachloroethane	7.410	117	400193	42.78	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	696365	42.12	ng	95
20) 3+4-Methylphenols	7.298	107	983687	44.64	ng	93
22) Acetophenone	7.304	105	1300586	41.41	ng	99
24) Nitrobenzene	7.475	77	1070097	43.36	ng	98
25) Isophorone	7.716	82	1976761	45.05	ng	100
26) 2-Nitrophenol	7.792	139	520278	50.98	ng	97
27) 2,4-Dimethylphenol	7.828	122	967256	52.52	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1255352	41.93	ng	98
29) 2,4-Dichlorophenol	8.034	162	873889	45.38	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	900373	41.50	ng	97
31) Naphthalene	8.204	128	2825618	42.73	ng	100
32) Benzoic acid	7.957	122	670779	45.51	ng	98
33) 4-Chloroaniline	8.245	127	781056	26.61	ng	99
34) Hexachlorobutadiene	8.322	225	510733	40.75	ng	99
35) Caprolactam	8.622	113	280261m	43.06	ng	
36) 4-Chloro-3-methylphenol	8.728	107	920410	45.96	ng	97
37) 2-Methylnaphthalene	8.892	142	1919162	43.72	ng	100
38) 1-Methylnaphthalene	8.992	142	1791299	43.10	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	841503	41.24	ng	98
41) Hexachlorocyclopentadiene	9.051	237	950618	98.14	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	644659	46.08	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	631491	43.17	ng	98
46) 1,1'-Biphenyl	9.363	154	2240777	41.65	ng	100
47) 2-Chloronaphthalene	9.386	162	1791032	39.77	ng	98
48) 2-Nitroaniline	9.480	65	582632	42.68	ng	93
49) Acenaphthylene	9.804	152	2762063	41.90	ng	99
50) Dimethylphthalate	9.663	163	2140636	41.60	ng	99
51) 2,6-Dinitrotoluene	9.722	165	498221	45.45	ng	92
52) Acenaphthene	9.975	154	1904868	44.99	ng	100
53) 3-Nitroaniline	9.886	138	361887	27.92	ng	89
54) 2,4-Dinitrophenol	9.998	184	454030	89.66	ng	96
55) Dibenzofuran	10.151	168	2459551	39.92	ng	100
56) 4-Nitrophenol	10.051	139	847823	90.48	ng	87
57) 2,4-Dinitrotoluene	10.128	165	650971	45.66	ng	98
58) Fluorene	10.492	166	1878305	38.16	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	542599	43.74	ng	97
60) Diethylphthalate	10.369	149	2098058	41.46	ng	98
61) 4-Chlorophenyl-phenyle...	10.480	204	899339	38.89	ng	99
62) 4-Nitroaniline	10.510	138	489164	37.56	ng	97
63) Azobenzene	10.645	77	2045733	41.31	ng	96
65) 4,6-Dinitro-2-methylph...	10.539	198	320046	50.09	ng	92
66) n-Nitrosodiphenylamine	10.604	169	1752997	42.21	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	609648	41.55	ng	96
68) Hexachlorobenzene	11.045	284	650618	41.34	ng	96
69) Atrazine	11.127	200	468617	40.87	ng	99
70) Pentachlorophenol	11.233	266	783835	91.90	ng	99
71) Phenanthrene	11.457	178	2773139	38.76	ng	98
72) Anthracene	11.510	178	2843204	41.42	ng	98
73) Carbazole	11.663	167	2544231	39.94	ng	99
74) Di-n-butylphthalate	11.998	149	3023243	40.03	ng	99
75) Fluoranthene	12.651	202	2848226	39.83	ng	97
77) Benzidine	12.769	184	1111850	53.80	ng	99
78) Pyrene	12.880	202	2870546	41.63	ng	98
80) Butylbenzylphthalate	13.504	149	1315867	44.35	ng	97
81) Benzo(a)anthracene	14.074	228	2504339	40.51	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	792550	40.74	ng	99
83) Chrysene	14.115	228	2514886	40.65	ng	96
84) Bis(2-ethylhexyl)phtha...	14.063	149	1717129	43.56	ng	99
85) Di-n-octyl phthalate	14.680	149	3029068	45.75	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	2422920	43.98	ng	96
88) Benzo(b)fluoranthene	15.139	252	2619063	43.86	ng	99
89) Benzo(k)fluoranthene	15.168	252	2376043	42.82	ng	97
90) Benzo(a)pyrene	15.509	252	2241408	42.74	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	2003177	44.17	ng	97
92) Benzo(g,h,i)perylene	17.533	276	1955097	44.49	ng	97

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

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