Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
Data File : BF123075.D
Acq On : 29 Jan 2021 11:21
Operator : JU/CG
Sample : PB134248BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134248BS

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:28 AM

Quant Time: Jan 29 12:32:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	285651	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1132863	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	606060	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	1105862	20.00	ng		0.00
76) Chrysene-d12	14.086	240	938188	20.00	ng		0.00
86) Perylene-d12	15.568	264	900621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1941915	104.87	ng		0.02
7) Phenol-d6	6.522	99	2505291	99.81	ng		0.00
23) Nitrobenzene-d5	7.457	82	1622508	72.08	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	771398	117.25	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2875122	70.52	ng		0.00
79) Terphenyl-d14	13.027	244	3255203	68.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	282939	30.71	ng		95
3) Pyridine	3.516	79	820668	33.31	ng		96
4) n-Nitrosodimethylamine	3.469	42	395991	38.19	ng		93
6) Aniline	6.557	93	774946	25.08	ng		98
8) 2-Chlorophenol	6.681	128	849367	42.31	ng		98
9) Benzaldehyde	6.440	77	524809	45.73	ng		96
10) Phenol	6.534	94	1007119	40.46	ng		91
11) bis(2-Chloroethyl)ether	6.628	93	800380	38.64	ng		97
12) 1,3-Dichlorobenzene	6.834	146	875204	37.39	ng		97
13) 1,4-Dichlorobenzene	6.910	146	886359	36.36	ng		97
14) 1,2-Dichlorobenzene	7.063	146	852810	37.39	ng		99
15) Benzyl Alcohol	7.034	79	688887	39.15	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1169788	36.62	ng		98
17) 2-Methylphenol	7.145	107	683086	39.99	ng		98
18) Hexachloroethane	7.410	117	326724	38.26	ng		97
19) n-Nitroso-di-n-propyla...	7.310	70	568980	37.70	ng		96
20) 3+4-Methylphenols	7.298	107	821882	40.85	ng		94
22) Acetophenone	7.304	105	1080440	36.60	ng	#	99
24) Nitrobenzene	7.475	77	880593	37.97	ng		97
25) Isophorone	7.716	82	1627378	39.47	ng		99
26) 2-Nitrophenol	7.792	139	436780	45.54	ng		97
27) 2,4-Dimethylphenol	7.828	122	775131	44.79	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	1022410	36.34	ng		98
29) 2,4-Dichlorophenol	8.034	162	725000	40.06	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	753250	36.95	ng		99
31) Naphthalene	8.204	128	2324212	37.40	ng		99
32) Benzoic acid	7.957	122	559927	40.97	ng		99
33) 4-Chloroaniline	8.245	127	375634	13.62	ng		99
34) Hexachlorobutadiene	8.322	225	431098	36.60	ng		99
35) Caprolactam	8.622	113	246848m	40.36	ng		
36) 4-Chloro-3-methylphenol	8.728	107	784862	41.71	ng		96
37) 2-Methylnaphthalene	8.892	142	1583412	38.38	ng		100
38) 1-Methylnaphthalene	8.992	142	1485435	38.03	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	699973	37.13	ng		98
41) Hexachlorocyclopentadiene	9.051	237	840240	93.88	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	537569	41.59	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	557123	41.22	ng		99
46) 1,1'-Biphenyl	9.357	154	1903322	38.29	ng		98
47) 2-Chloronaphthalene	9.386	162	1504206	36.15	ng		97
48) 2-Nitroaniline	9.475	65	495483	39.28	ng		87
49) Acenaphthylene	9.804	152	2333537	38.31	ng		99
50) Dimethylphthalate	9.663	163	1827031	38.42	ng		99
51) 2,6-Dinitrotoluene	9.722	165	432063	42.66	ng		98
52) Acenaphthene	9.975	154	1609571	41.14	ng		99
53) 3-Nitroaniline	9.886	138	230317	19.23	ng		94
54) 2,4-Dinitrophenol	9.998	184	393816	84.59	ng		91
55) Dibenzofuran	10.151	168	2094949	36.80	ng		97
56) 4-Nitrophenol	10.051	139	740722	85.55	ng		87
57) 2,4-Dinitrotoluene	10.128	165	570889	43.34	ng		98
58) Fluorene	10.492	166	1596891	35.11	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	475876	41.51	ng		95
60) Diethylphthalate	10.363	149	1818547	38.89	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	777361	36.38	ng		99
62) 4-Nitroaniline	10.510	138	421579	35.03	ng		98
63) Azobenzene	10.645	77	1749976	38.25	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	284175	46.71	ng		88
66) n-Nitrosodiphenylamine	10.604	169	1503908	37.73	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	534187	37.93	ng		96
68) Hexachlorobenzene	11.045	284	577748	38.25	ng		94
69) Atrazine	11.127	200	449831	40.87	ng		99
70) Pentachlorophenol	11.233	266	699606	85.45	ng		99
71) Phenanthrene	11.457	178	2469184	35.95	ng		99
72) Anthracene	11.510	178	2559577	38.85	ng		99
73) Carbazole	11.663	167	2302908	37.66	ng		100
74) Di-n-butylphthalate	11.992	149	2755664	38.01	ng		99
75) Fluoranthene	12.651	202	2630213	38.32	ng		98
77) Benzidine	12.769	184	879786	41.44	ng		99
78) Pyrene	12.880	202	2669236	37.69	ng		99
80) Butylbenzylphthalate	13.498	149	1259989	41.34	ng		95
81) Benzo(a)anthracene	14.074	228	2399451	37.79	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	607997	30.43	ng	#	97
83) Chrysene	14.116	228	2385341	37.53	ng		97
84) Bis(2-ethylhexyl)phtha...	14.063	149	1638460	40.46	ng		98
85) Di-n-octyl phthalate	14.680	149	2938915	43.21	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	2456947	40.97	ng		97
88) Benzo(b)fluoranthene	15.139	252	2579797	39.69	ng		99
89) Benzo(k)fluoranthene	15.168	252	2357987	39.04	ng		99
90) Benzo(a)pyrene	15.510	252	2237034	39.18	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	2039224	41.31	ng		98
92) Benzo(g,h,i)perylene	17.533	276	1953286	40.83	ng		97

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

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