Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021021\
Data File : BF123175.D
Acq On : 10 Feb 2021 17:51
Operator : JU/CG
Sample : M1347-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-020921MS

Manual Integrations APPROVED
mohammad
2/11/2021 9:46:24 AM

Quant Time: Feb 11 01:35:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 01:29:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	153706	20.00	ng	-0.01
21) Naphthalene-d8	8.169	136	609758	20.00	ng	-0.01
39) Acenaphthene-d10	9.928	164	330386	20.00	ng	-0.01
64) Phenanthrene-d10	11.416	188	597544	20.00	ng	-0.02
76) Chrysene-d12	14.069	240	382127	20.00	ng	-0.02
86) Perylene-d12	15.551	264	373703	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1185834	119.01	ng	0.00
7) Phenol-d6	6.516	99	1518231	112.41	ng	0.00
23) Nitrobenzene-d5	7.445	82	965925	79.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	453134	126.34	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1775727	79.90	ng	-0.02
79) Terphenyl-d14	13.010	244	1781209	91.58	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	168483	33.98	ng	95
3) Pyridine	3.434	79	488994	36.88	ng	96
4) n-Nitrosodimethylamine	3.381	42	237511	42.57	ng	93
6) Aniline	6.545	93	389914	23.46	ng	99
8) 2-Chlorophenol	6.669	128	539940	49.99	ng	99
9) Benzaldehyde	6.428	77	227116	36.78	ng	98
10) Phenol	6.528	94	675598	50.44	ng	91
11) bis(2-Chloroethyl)ether	6.616	93	497315	44.61	ng	99
12) 1,3-Dichlorobenzene	6.822	146	561915	44.61	ng	97
13) 1,4-Dichlorobenzene	6.898	146	578130	44.07	ng	97
14) 1,2-Dichlorobenzene	7.051	146	545130	44.42	ng	98
15) Benzyl Alcohol	7.022	79	433613	45.79	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	654621	38.08	ng	99
17) 2-Methylphenol	7.134	107	464123	50.50	ng	97
18) Hexachloroethane	7.398	117	204747	44.56	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	355075	43.72	ng	98
20) 3+4-Methylphenols	7.287	107	540413	49.92	ng	96
22) Acetophenone	7.292	105	701168	44.13	ng	98
24) Nitrobenzene	7.463	77	558211	44.72	ng	95
25) Isophorone	7.704	82	994366	44.81	ng	100
26) 2-Nitrophenol	7.781	139	274026	53.08	ng	98
27) 2,4-Dimethylphenol	7.816	122	454763	48.82	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	619240	40.90	ng	99
29) 2,4-Dichlorophenol	8.022	162	460986	47.33	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	491776	44.81	ng	99
31) Naphthalene	8.192	128	1510265	45.15	ng	99
32) Benzoic acid	7.892	122	34787m	9.08	ng	
33) 4-Chloroaniline	8.234	127	243750	16.42	ng	98
34) Hexachlorobutadiene	8.310	225	289746	45.71	ng	99
35) Caprolactam	8.610	113	149809m	45.51	ng	
36) 4-Chloro-3-methylphenol	8.722	107	505260	49.89	ng	96
37) 2-Methylnaphthalene	8.886	142	1022762	46.06	ng	99
38) 1-Methylnaphthalene	8.981	142	951450	45.26	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	478794	46.58	ng	99
41) Hexachlorocyclopentadiene	9.039	237	378689	77.62	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	326383	46.32	ng	96

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44) 2,4,5-Trichlorophenol	9.204	196	357768	48.56	ng		98
46) 1,1'-Biphenyl	9.351	154	1223324	45.14	ng		98
47) 2-Chloronaphthalene	9.375	162	978656	43.14	ng		99
48) 2-Nitroaniline	9.469	65	320293	46.58	ng		92
49) Acenaphthylene	9.792	152	1562613	47.06	ng		99
50) Dimethylphthalate	9.651	163	1226074	47.30	ng		100
51) 2,6-Dinitrotoluene	9.710	165	269034	48.72	ng		93
52) Acenaphthene	9.963	154	917477	43.02	ng		99
53) 3-Nitroaniline	9.875	138	199532	30.56	ng		87
54) 2,4-Dinitrophenol	9.981	184	24428	15.69	ng		90
55) Dibenzofuran	10.133	168	1369274	44.12	ng		99
56) 4-Nitrophenol	10.045	139	406619	86.15	ng		94
57) 2,4-Dinitrotoluene	10.116	165	362550	50.49	ng		95
58) Fluorene	10.480	166	1079408	43.54	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	264480	42.32	ng		96
60) Diethylphthalate	10.351	149	1141552	44.79	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	521347	44.76	ng		99
62) 4-Nitroaniline	10.492	138	273392	41.67	ng		98
63) Azobenzene	10.628	77	1073337	43.03	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	39789	15.79	ng		89
66) n-Nitrosodiphenylamine	10.586	169	966862	44.89	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	351201	46.15	ng		93
68) Hexachlorobenzene	11.033	284	385355	47.21	ng		94
69) Atrazine	11.116	200	262208	44.09	ng		99
70) Pentachlorophenol	11.222	266	291505	65.90	ng		97
71) Phenanthrene	11.445	178	1658788	44.70	ng		99
72) Anthracene	11.498	178	1663802	46.73	ng		100
73) Carbazole	11.651	167	1466197	44.38	ng		99
74) Di-n-butylphthalate	11.980	149	1717044	43.83	ng		100
75) Fluoranthene	12.639	202	1815593	48.95	ng		98
77) Benzidine	12.757	184	399281	46.17	ng	#	95
78) Pyrene	12.869	202	1787661	61.97	ng		99
80) Butylbenzylphthalate	13.486	149	662450	53.37	ng		95
81) Benzo(a)anthracene	14.063	228	1422646	55.01	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	198810	24.43	ng	#	97
83) Chrysene	14.098	228	1371176	52.97	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	846286	51.31	ng		99
85) Di-n-octyl phthalate	14.663	149	1287520	46.48	ng		100
87) Indeno(1,2,3-cd)pyrene	17.062	276	1530075	61.48	ng		99
88) Benzo(b)fluoranthene	15.121	252	1436376	53.25	ng		100
89) Benzo(k)fluoranthene	15.151	252	1294931	51.66	ng		98
90) Benzo(a)pyrene	15.492	252	1306535	55.15	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	1157641	56.52	ng		99
92) Benzo(g,h,i)perylene	17.521	276	1286645	64.82	ng		99

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

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