Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123620.D
Acq On : 19 Apr 2021 13:52
Operator : JU/CG
Sample : M2070-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-AMS

Manual Integrations APPROVED
mohammad
4/21/2021 8:34:31 AM

Quant Time: Apr 19 14:17:45 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	6.863	152	222427	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	851335	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	403956	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	713788	20.00	ng		0.00
76) Chrysene-d12	14.045	240	454428	20.00	ng		-0.01
86) Perylene-d12	15.527	264	495234	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	641168	46.59	ng		0.01
7) Phenol-d6	6.504	99	1344057	70.48	ng		0.00
23) Nitrobenzene-d5	7.428	82	1294446	69.90	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	149572	32.70	ng		-0.01
45) 2-Fluorobiphenyl	9.227	172	1790247	66.06	ng		-0.01
79) Terphenyl-d14	12.986	244	1291877	55.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	319342	44.42	ng		98
3) Pyridine	3.422	79	844252	48.02	ng		98
4) n-Nitrosodimethylamine	3.375	42	518924	49.81	ng		98
6) Aniline	6.522	93	508662	22.66	ng	#	24
8) 2-Chlorophenol	6.651	128	729692	49.36	ng		96
9) Benzaldehyde	6.410	77	540911	43.44	ng		97
10) Phenol	6.516	94	979865	48.38	ng		93
11) bis(2-Chloroethyl)ether	6.598	93	739405	49.10	ng		98
12) 1,3-Dichlorobenzene	6.804	146	731807	48.16	ng		99
13) 1,4-Dichlorobenzene	6.881	146	742081	48.12	ng		99
14) 1,2-Dichlorobenzene	7.033	146	698934	48.23	ng		98
15) Benzyl Alcohol	7.010	79	751230	49.93	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1637000	48.16	ng		97
17) 2-Methylphenol	7.128	107	627661	49.42	ng		93
18) Hexachloroethane	7.380	117	304448	49.52	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	573108	45.37	ng		98
20) 3+4-Methylphenols	7.275	107	762460	47.05	ng	#	78
22) Acetophenone	7.275	105	1090804	46.20	ng	#	93
24) Nitrobenzene	7.445	77	891143	45.70	ng		97
25) Isophorone	7.686	82	1608766	44.78	ng		100
26) 2-Nitrophenol	7.763	139	374842	56.25	ng		98
27) 2,4-Dimethylphenol	7.804	122	648188	52.72	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	917953	50.91	ng		99
29) 2,4-Dichlorophenol	8.010	162	562301	46.97	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	592168	46.03	ng		100
31) Naphthalene	8.175	128	2036232	46.43	ng		99
32) Benzoic acid	7.922	122	417810	50.78	ng		93
33) 4-Chloroaniline	8.216	127	132749	7.37	ng		97
34) Hexachlorobutadiene	8.292	225	361494	44.78	ng		100
35) Caprolactam	8.598	113	189975	45.45	ng		95
36) 4-Chloro-3-methylphenol	8.710	107	716497	46.14	ng		98
37) 2-Methylnaphthalene	8.869	142	1314982	45.73	ng		98
38) 1-Methylnaphthalene	8.963	142	1229701	45.20	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	573030	51.40	ng		97
41) Hexachlorocyclopentadiene	9.022	237	717019	123.76	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	398727	52.70	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	418530	50.60	ng		95
46) 1,1'-Biphenyl	9.333	154	1575320	49.83	ng		99
47) 2-Chloronaphthalene	9.357	162	1161359	48.81	ng		98
48) 2-Nitroaniline	9.451	65	516008	52.06	ng		93
49) Acenaphthylene	9.774	152	1995995	51.29	ng		99
50) Dimethylphthalate	9.633	163	1361367	48.78	ng		100
51) 2,6-Dinitrotoluene	9.692	165	293809	47.96	ng		98
52) Acenaphthene	9.945	154	1368648	54.81	ng		98
53) 3-Nitroaniline	9.857	138	98486	13.86	ng		97
54) 2,4-Dinitrophenol	9.969	184	319981	118.91	ng		96
55) Dibenzofuran	10.116	168	1663136	46.43	ng		98
56) 4-Nitrophenol	10.033	139	505964	92.92	ng		93
57) 2,4-Dinitrotoluene	10.098	165	379144	46.34	ng		93
58) Fluorene	10.463	166	1277580	45.38	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	325066	49.36	ng		99
60) Diethylphthalate	10.333	149	1368216	44.78	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	588573	45.29	ng		99
62) 4-Nitroaniline	10.480	138	309815	43.17	ng		98
63) Azobenzene	10.610	77	1517492	43.85	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	187173	50.26	ng		95
66) n-Nitrosodiphenylamine	10.569	169	1113831	48.75	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	365306	48.95	ng		94
68) Hexachlorobenzene	11.010	284	416466	49.52	ng		98
69) Atrazine	11.098	200	345254	48.48	ng		98
70) Pentachlorophenol	11.204	266	433024	98.55	ng		95
71) Phenanthrene	11.427	178	1730983	46.47	ng		99
72) Anthracene	11.474	178	1776642	47.72	ng		100
73) Carbazole	11.627	167	1601042	43.08	ng		99
74) Di-n-butylphthalate	11.963	149	1943576	43.21	ng		99
75) Fluoranthene	12.615	202	1707019	41.70	ng		98
77) Benzidine	12.733	184	661470	53.55	ng		98
78) Pyrene	12.845	202	1714243	51.69	ng		99
80) Butylbenzylphthalate	13.462	149	705737	45.29	ng		99
81) Benzo(a)anthracene	14.033	228	1311615	47.10	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	180812	20.33	ng	#	98
83) Chrysene	14.074	228	1285033	45.95	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	872196	42.09	ng		97
85) Di-n-octyl phthalate	14.639	149	1531698	45.93	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1742019	65.93	ng		99
88) Benzo(b)fluoranthene	15.092	252	1430320m	40.91	ng		
89) Benzo(k)fluoranthene	15.127	252	1280607	40.74	ng		98
90) Benzo(a)pyrene	15.468	252	1267999	45.59	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	1431976	64.07	ng		98
92) Benzo(g,h,i)perylene	17.480	276	1482059	62.40	ng		98

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

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