Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
Data File : BF123344.D
Acq On : 2 Mar 2021 19:25
Operator : JU/CG
Sample : M1521-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OB-722MS

Manual Integrations APPROVED
mohammad
3/3/2021 11:01:40 AM

Quant Time: Mar 02 23:51:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	149760	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	604291	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	319295	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	576432	20.00	ng		0.00
76) Chrysene-d12	14.045	240	366626	20.00	ng		0.00
86) Perylene-d12	15.515	264	308403	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	420752	40.44	ng		0.00
7) Phenol-d6	6.487	99	335088	23.71	ng		0.00
23) Nitrobenzene-d5	7.422	82	1280474	97.00	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	269173	82.79	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1992969	89.66	ng		0.00
79) Terphenyl-d14	12.986	244	2277604	119.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	79479	13.24	ng		89
3) Pyridine	3.393	79	212764	14.54	ng		91
4) n-Nitrosodimethylamine	3.328	42	115217	17.03	ng		87
6) Aniline	6.516	93	225651	13.52	ng	#	87
8) 2-Chlorophenol	6.639	128	424735	38.00	ng		90
9) Benzaldehyde	6.398	77	178396	21.05	ng		89
10) Phenol	6.498	94	274149	17.80	ng		99
11) bis(2-Chloroethyl)ether	6.587	93	479459	43.40	ng		96
12) 1,3-Dichlorobenzene	6.792	146	469343	40.37	ng	#	94
13) 1,4-Dichlorobenzene	6.869	146	476152	40.18	ng	#	93
14) 1,2-Dichlorobenzene	7.028	146	448810	40.71	ng		95
15) Benzyl Alcohol	6.998	79	343945	31.21	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.128	45	662471	43.71	ng		86
17) 2-Methylphenol	7.116	107	305225	32.47	ng	#	89
18) Hexachloroethane	7.363	117	190751	44.56	ng		89
19) n-Nitroso-di-n-propyla...	7.275	70	393776	46.83	ng		96
20) 3+4-Methylphenols	7.269	107	331055	26.81	ng	#	75
22) Acetophenone	7.263	105	701580	44.76	ng	#	93
24) Nitrobenzene	7.439	77	611071	43.90	ng		90
25) Isophorone	7.681	82	1059060	42.90	ng		97
26) 2-Nitrophenol	7.757	139	255078	43.75	ng		90
27) 2,4-Dimethylphenol	7.792	122	376031	41.66	ng		92
28) bis(2-Chloroethoxy)met...	7.886	93	625178	48.39	ng		99
29) 2,4-Dichlorophenol	7.998	162	386168	41.44	ng		92
30) 1,2,4-Trichlorobenzene	8.081	180	415631	41.02	ng		98
31) Naphthalene	8.163	128	1353404	40.87	ng		99
32) Benzoic acid	7.910	122	109077	16.38	ng	#	83
33) 4-Chloroaniline	8.210	127	99814	7.41	ng	#	92
34) Hexachlorobutadiene	8.275	225	229620	40.18	ng		98
35) Caprolactam	8.610	113	25007	8.00	ng	#	69
36) 4-Chloro-3-methylphenol	8.698	107	465884	42.06	ng		89
37) 2-Methylnaphthalene	8.851	142	923218	41.85	ng		98
38) 1-Methylnaphthalene	8.951	142	870768	42.20	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	400925	42.02	ng	#	97
41) Hexachlorocyclopentadiene	9.010	237	325346	72.78	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	278759	41.20	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	300437	41.49	ng	#	91
46) 1,1'-Biphenyl	9.322	154	1134104	42.82	ng		99
47) 2-Chloronaphthalene	9.345	162	867905	41.53	ng		98
48) 2-Nitroaniline	9.445	65	329550	44.01	ng	#	78
49) Acenaphthylene	9.763	152	1281010	40.41	ng		99
50) Dimethylphthalate	9.628	163	1132880	47.45	ng		100
51) 2,6-Dinitrotoluene	9.686	165	236971	43.06	ng	#	71
52) Acenaphthene	9.933	154	1000475m	45.77	ng		
53) 3-Nitroaniline	9.857	138	97237	15.92	ng	#	77
54) 2,4-Dinitrophenol	9.969	184	231121	79.96	ng		84
55) Dibenzofuran	10.110	168	1184202	40.02	ng		96
56) 4-Nitrophenol	10.033	139	147160	30.24	ng	#	69
57) 2,4-Dinitrotoluene	10.092	165	318799	43.08	ng	#	80
58) Fluorene	10.451	166	966079	41.48	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	250348	43.33	ng	#	85
60) Diethylphthalate	10.322	149	1073985	45.42	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	471596	42.54	ng		92
62) 4-Nitroaniline	10.475	138	159904	26.01	ng		90
63) Azobenzene	10.604	77	1147281	42.11	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	161342	41.58	ng		88
66) n-Nitrosodiphenylamine	10.563	169	845937	42.44	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	281835	44.85	ng		95
68) Hexachlorobenzene	11.004	284	289849	43.79	ng		93
69) Atrazine	11.098	200	258060	40.97	ng		98
70) Pentachlorophenol	11.204	266	354495	84.81	ng		99
71) Phenanthrene	11.416	178	1426732	41.85	ng		100
72) Anthracene	11.469	178	1438995	42.31	ng		100
73) Carbazole	11.627	167	1278054	39.90	ng		99
74) Di-n-butylphthalate	11.951	149	1835850	51.26	ng		99
75) Fluoranthene	12.610	202	1456153	40.30	ng		99
78) Pyrene	12.839	202	1431636	50.02	ng		100
80) Butylbenzylphthalate	13.457	149	695507	57.48	ng		91
81) Benzo(a)anthracene	14.033	228	1052562	42.24	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	59970	7.24	ng	#	93
83) Chrysene	14.074	228	1031473	42.15	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	991163	59.50	ng	#	99
85) Di-n-octyl phthalate	14.633	149	1481199	52.05	ng		96
87) Indeno(1,2,3-cd)pyrene	17.015	276	1029305	48.29	ng		97
88) Benzo(b)fluoranthene	15.092	252	969105	44.74	ng		98
89) Benzo(k)fluoranthene	15.121	252	891289	45.39	ng		99
90) Benzo(a)pyrene	15.457	252	807506	41.81	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	857610	46.90	ng		98
92) Benzo(g,h,i)perylene	17.462	276	847541	50.32	ng		98

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

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