Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123409.D
Acq On : 23 Mar 2021 18:16
Operator : JU/CG
Sample : M1690-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WCMS

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:14 PM

Quant Time: Mar 23 18:54:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:58:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	212726	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	805334	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	437168	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	757592	20.00	ng	0.00
76) Chrysene-d12	14.104	240	473863	20.00	ng	0.00
86) Perylene-d12	15.604	264	403094	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1654948	127.27	ng	0.02
7) Phenol-d6	6.539	99	2006513	115.92	ng	0.00
23) Nitrobenzene-d5	7.481	82	1477446	99.01	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	668680	136.81	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2567249	83.90	ng	0.00
79) Terphenyl-d14	13.045	244	2683376	95.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	246765	39.46	ng	# 68
3) Pyridine	3.563	79	669297	40.69	ng	# 59
4) n-Nitrosodimethylamine	3.510	42	419361	42.62	ng	# 67
6) Aniline	6.575	93	632516	29.86	ng	94
8) 2-Chlorophenol	6.698	128	625282	43.61	ng	88
9) Benzaldehyde	6.463	77	460751	Below Cal		94
10) Phenol	6.551	94	785983	44.24	ng	96
11) bis(2-Chloroethyl)ether	6.651	93	604849	42.69	ng	84
12) 1,3-Dichlorobenzene	6.857	146	639687	41.34	ng	# 96
13) 1,4-Dichlorobenzene	6.934	146	648030	41.88	ng	96
14) 1,2-Dichlorobenzene	7.087	146	616261	42.87	ng	97
15) Benzyl Alcohol	7.051	79	575025	42.43	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1345198	42.31	ng	86
17) 2-Methylphenol	7.163	107	502940	42.66	ng	98
18) Hexachloroethane	7.434	117	253773	43.77	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	465635	41.59	ng	# 74
20) 3+4-Methylphenols	7.316	107	614686	41.86	ng	88
22) Acetophenone	7.322	105	842423	41.67	ng	# 87
24) Nitrobenzene	7.498	77	679717	41.21	ng	# 94
25) Isophorone	7.739	82	1263124	39.37	ng	99
26) 2-Nitrophenol	7.810	139	313833	53.22	ng	# 89
27) 2,4-Dimethylphenol	7.845	122	583571	44.50	ng	100
28) bis(2-Chloroethoxy)met...	7.945	93	764492	44.22	ng	99
29) 2,4-Dichlorophenol	8.051	162	527129	40.95	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	565622	40.28	ng	98
31) Naphthalene	8.222	128	1714564	39.60	ng	100
32) Benzoic acid	7.975	122	441139	57.01	ng	97
33) 4-Chloroaniline	8.263	127	219217	12.34	ng	# 95
34) Hexachlorobutadiene	8.345	225	329842	38.51	ng	99
35) Caprolactam	8.651	113	173697m	44.88	ng	
36) 4-Chloro-3-methylphenol	8.745	107	555017	41.09	ng	94
37) 2-Methylnaphthalene	8.916	142	1183582	39.87	ng	100
38) 1-Methylnaphthalene	9.016	142	1104571	39.64	ng	99
40) 1,2,4,5-Tetrachloroben...	9.080	216	520416	40.01	ng	99
41) Hexachlorocyclopentadiene	9.075	237	638103	87.85	ng	96
43) 2,4,6-Trichlorophenol	9.192	196	378385	41.54	ng	96

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44) 2,4,5-Trichlorophenol	9.228	196	393174	41.08	ng		96
46) 1,1'-Biphenyl	9.380	154	1401020	41.59	ng		98
47) 2-Chloronaphthalene	9.404	162	1081592	39.35	ng		99
48) 2-Nitroaniline	9.498	65	399627	47.92	ng	#	75
49) Acenaphthylene	9.822	152	1796564	41.79	ng		99
50) Dimethylphthalate	9.686	163	1288410	41.49	ng		100
51) 2,6-Dinitrotoluene	9.739	165	285223	43.97	ng	#	70
52) Acenaphthene	9.998	154	1202042	44.79	ng		99
53) 3-Nitroaniline	9.910	138	167637	24.47	ng		94
54) 2,4-Dinitrophenol	10.016	184	286278	91.37	ng	#	88
55) Dibenzofuran	10.169	168	1477222	38.29	ng		98
56) 4-Nitrophenol	10.069	139	472535	85.54	ng	#	66
57) 2,4-Dinitrotoluene	10.145	165	377585	46.64	ng	#	85
58) Fluorene	10.516	166	1137551	39.06	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	322841	41.32	ng		93
60) Diethylphthalate	10.386	149	1229587	40.57	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	561280	39.43	ng		97
62) 4-Nitroaniline	10.527	138	268730	41.40	ng		95
63) Azobenzene	10.663	77	1283123	38.47	ng		90
65) 4,6-Dinitro-2-methylph...	10.557	198	181058	44.81	ng		91
66) n-Nitrosodiphenylamine	10.622	169	1014388	39.96	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	373435	41.62	ng		99
68) Hexachlorobenzene	11.063	284	405254	40.98	ng		97
69) Atrazine	11.157	200	352521	43.69	ng		99
70) Pentachlorophenol	11.257	266	483396	81.93	ng		99
71) Phenanthrene	11.480	178	1664105	39.73	ng		99
72) Anthracene	11.533	178	1704860	40.47	ng		99
73) Carbazole	11.680	167	1511153	37.97	ng		100
74) Di-n-butylphthalate	12.016	149	1884249	41.59	ng		100
75) Fluoranthene	12.668	202	1756048	38.73	ng		99
77) Benzidine	12.786	184	327571	23.21	ng		98
78) Pyrene	12.904	202	1722669	42.14	ng		100
80) Butylbenzylphthalate	13.521	149	708087	46.71	ng		92
81) Benzo(a)anthracene	14.092	228	1256794	40.52	ng		98
82) 3,3'-Dichlorobenzidine	14.051	252	272426	27.00	ng		98
83) Chrysene	14.133	228	1278543	39.93	ng		98
84) Bis(2-ethylhexyl)phtha...	14.086	149	869803	43.58	ng		100
85) Di-n-octyl phthalate	14.704	149	1353440	42.90	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.127	276	1191996	47.59	ng		99
88) Benzo(b)fluoranthene	15.162	252	1136549	40.87	ng		99
89) Benzo(k)fluoranthene	15.198	252	978628m	37.23	ng		
90) Benzo(a)pyrene	15.545	252	935608	38.97	ng		99
91) Dibenzo(a,h)anthracene	17.151	278	987207	46.42	ng		99
92) Benzo(g,h,i)perylene	17.598	276	1007664	47.34	ng		98

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

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