Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121214.D
Acq On : 6 Aug 2020 21:13
Operator : JU/CG
Sample : L3568-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8/5-A-EMS

Manual Integrations APPROVED
mohammad
8/7/2020 1:51:07 PM

Quant Time: Aug 07 05:17:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	134261	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	523052	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	267367	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	504071	20.00	ng		0.00
76) Chrysene-d12	13.96	240	326202	20.00	ng		0.00
86) Perylene-d12	15.41	264	345430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	586268	71.58	ng		0.00
7) Phenol-d6	6.43	99	712361	67.34	ng		-0.01
23) Nitrobenzene-d5	7.36	82	464164	51.35	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	212185	72.50	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	875862	48.91	ng		0.00
79) Terphenyl-d14	12.90	244	821181	54.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	146087	38.758	ng		99
3) Pyridine	3.27	79	325002	32.413	ng		99
4) n-Nitrosodimethylamine	3.22	42	167481	39.062	ng		94
6) Aniline	6.46	93	302198	21.883	ng		93
8) 2-Chlorophenol	6.58	128	374158	41.471	ng		99
9) Benzaldehyde	6.35	77	238090	49.408	ng		97
10) Phenol	6.45	94	449021	38.584	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	349791	39.220	ng		97
12) 1,3-Dichlorobenzene	6.73	146	381380	38.983	ng		99
13) 1,4-Dichlorobenzene	6.81	146	389536	40.042	ng		99
14) 1,2-Dichlorobenzene	6.96	146	370599	40.269	ng		99
15) Benzyl Alcohol	6.94	79	297498	39.765	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	487678	37.936	ng		93
17) 2-Methylphenol	7.06	107	292473	36.574	ng		99
18) Hexachloroethane	7.30	117	133796	37.999	ng		100
19) n-Nitroso-di-n-propylamine	7.21	70	227967	37.895	ng		96
20) 3+4-Methylphenols	7.21	107	354332	34.832	ng		96
22) Acetophenone	7.20	105	472743	40.272	ng	#	95
24) Nitrobenzene	7.38	77	375088	38.499	ng		98
25) Isophorone	7.62	82	674164	37.369	ng		96
26) 2-Nitrophenol	7.69	139	198815	42.967	ng		95
27) 2,4-Dimethylphenol	7.73	122	323315	43.036	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	435081	39.508	ng		100
29) 2,4-Dichlorophenol	7.94	162	306744	39.957	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	329429	38.678	ng		99
31) Naphthalene	8.10	128	1033630	38.525	ng		99
32) Benzoic acid	7.87	122	220599	39.117	ng		99
33) 4-Chloroaniline	8.15	127	176024	14.707	ng		99
34) Hexachlorobutadiene	8.22	225	187094	37.263	ng		98
35) Caprolactam	8.53	113	99234m	40.309	ng		
36) 4-Chloro-3-methylphenol	8.65	107	313575	39.827	ng		98
37) 2-Methylnaphthalene	8.79	142	702644	40.333	ng		99
38) 1-Methylnaphthalene	8.89	142	653197	39.589	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	330050	42.369	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	129710	30.128	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	220490	40.200	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	238377	38.314	ng		99
46) 1,1'-Biphenyl	9.26	154	833512	40.869	ng		99
47) 2-Chloronaphthalene	9.28	162	647586	38.946	ng		98
48) 2-Nitroaniline	9.38	65	206173	41.029	ng		95
49) Acenaphthylene	9.70	152	1026986	39.757	ng		99
50) Dimethylphthalate	9.56	163	866068	44.900	ng		99
51) 2,6-Dinitrotoluene	9.62	165	170238	41.080	ng		97
52) Acenaphthene	9.87	154	649512m	39.549	ng		
53) 3-Nitroaniline	9.79	138	97172	18.696	ng		100
54) 2,4-Dinitrophenol	9.90	184	100244	45.269	ng		95
55) Dibenzofuran	10.04	168	906485	38.169	ng		99
56) 4-Nitrophenol	9.97	139	270747	68.577	ng		95
57) 2,4-Dinitrotoluene	10.03	165	216916	39.860	ng	#	87
58) Fluorene	10.39	166	676797	38.209	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	198482	41.900	ng		99
60) Diethylphthalate	10.26	149	752738	38.582	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	338164	35.794	ng		98
62) 4-Nitroaniline	10.41	138	163712	32.337	ng		98
63) Azobenzene	10.53	77	709622	38.205	ng		100
65) 4,6-Dinitro-2-methylphenol	10.44	198	79208	28.820	ng		96
66) n-Nitrosodiphenylamine	10.50	169	639749	40.345	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	220967	39.318	ng		100
68) Hexachlorobenzene	10.93	284	243025	39.975	ng		94
69) Atrazine	11.03	200	176124	44.848	ng		98
70) Pentachlorophenol	11.13	266	263683	75.711	ng		98
71) Phenanthrene	11.35	178	988973	38.148	ng		99
72) Anthracene	11.40	178	1042783	40.058	ng		99
73) Carbazole	11.56	167	975448	37.758	ng		99
74) Di-n-butylphthalate	11.88	149	1185908	39.779	ng		100
75) Fluoranthene	12.53	202	1045712	36.391	ng		98
77) Benzidine	12.66	184	689935	80.445	ng		98
78) Pyrene	12.76	202	1034423	44.853	ng		99
80) Butylbenzylphthalate	13.38	149	465051	45.234	ng		96
81) Benzo(a)anthracene	13.95	228	807735	40.891	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	320313	42.982	ng		100
83) Chrysene	13.99	228	811674	39.101	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	620681	48.959	ng		99
85) Di-n-octyl phthalate	14.55	149	1000181	39.655	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	910391	37.896	ng		99
88) Benzo(b)fluoranthene	14.99	252	872651	41.794	ng		99
89) Benzo(k)fluoranthene	15.02	252	727319	38.195	ng		99
90) Benzo(a)pyrene	15.35	252	755316	39.649	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	768095	39.142	ng		99
92) Benzo(g,h,i)perylene	17.28	276	732734	37.870	ng		99

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

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