Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120565.D
Acq On : 5 Jun 2020 17:52
Operator : JU/CG
Sample : L2893-01MS 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2AMS

Manual Integrations APPROVED
mohammad
6/8/2020 12:51:16 PM

Quant Time: Jun 06 02:46:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:36:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	217484	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	711371	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	335129	20.00	ng		0.01
64) Phenanthrene-d10	11.35	188	568903	20.00	ng		0.01
76) Chrysene-d12	13.99	240	374491	20.00	ng		0.01
86) Perylene-d12	15.46	264	342121	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	592816	51.95	ng		0.00
7) Phenol-d6	6.46	99	739619	52.58	ng		0.00
23) Nitrobenzene-d5	7.38	82	450836	41.46	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	157105	50.60	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	730972	37.01	ng		0.00
79) Terphenyl-d14	12.93	244	638620	37.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	69174	12.237	ng		99
3) Pyridine	3.29	79	143873	9.189	ng		98
4) n-Nitrosodimethylamine	3.20	42	91190	13.763	ng		98
6) Aniline	6.48	93	213220	10.871	ng		93
8) 2-Chlorophenol	6.60	128	198238	15.406	ng		99
9) Benzaldehyde	6.37	77	107009	12.482	ng		100
10) Phenol	6.47	94	255089	16.584	ng		97
11) bis(2-Chloroethyl)ether	6.55	93	197229	15.344	ng		98
12) 1,3-Dichlorobenzene	6.76	146	202465	14.322	ng		99
13) 1,4-Dichlorobenzene	6.84	146	195956	13.893	ng		97
14) 1,2-Dichlorobenzene	6.99	146	192679	14.790	ng		97
15) Benzyl Alcohol	6.96	79	163805	15.448	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	267514	13.201	ng		96
17) 2-Methylphenol	7.08	107	156461	13.598	ng		98
18) Hexachloroethane	7.33	117	57420	11.121	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	174746	19.544	ng		97
20) 3+4-Methylphenols	7.23	107	198985	13.689	ng	#	83
22) Acetophenone	7.23	105	316920	21.936	ng	#	91
24) Nitrobenzene	7.40	77	215946	18.434	ng	#	89
25) Isophorone	7.64	82	409427	18.732	ng	#	88
26) 2-Nitrophenol	7.72	139	86675	16.410	ng	#	88
27) 2,4-Dimethylphenol	7.76	122	170692	18.609	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	208458	15.837	ng	#	86
29) 2,4-Dichlorophenol	7.97	162	159407	17.206	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	160345	15.422	ng		99
31) Naphthalene	8.13	128	558762	17.885	ng	#	93
33) 4-Chloroaniline	8.17	127	152129	10.987	ng	#	93
34) Hexachlorobutadiene	8.25	225	96844	15.714	ng		99
35) Caprolactam	8.53	113	145458	48.479	ng	#	52
36) 4-Chloro-3-methylphenol	8.66	107	164677	17.520	ng		87
37) 2-Methylnaphthalene	8.82	142	342644	16.558	ng		97
38) 1-Methylnaphthalene	8.93	142	1360039m	69.627	ng		
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	142710	16.605	ng	#	93
41) Hexachlorocyclopentadiene	8.97	237	14997	3.127	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	97021	15.609	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	88782	12.601	ng	#	68
46) 1,1'-Biphenyl	9.29	154	371133	16.858	ng		98
47) 2-Chloronaphthalene	9.31	162	269036	14.841	ng		96
48) 2-Nitroaniline	9.40	65	91240	16.524	ng		95
49) Acenaphthylene	9.73	152	445326	15.897	ng	#	87
50) Dimethylphthalate	9.57	163	298134	14.230	ng	#	80
51) 2,6-Dinitrotoluene	9.65	165	70043	15.043	ng	#	52
52) Acenaphthene	9.90	154	331107m	18.938	ng		
53) 3-Nitroaniline	9.81	138	94406	17.267	ng	#	91
54) 2,4-Dinitrophenol	9.93	184	4215	9.646	ng	#	1
55) Dibenzofuran	10.07	168	381420	15.012	ng	#	64
56) 4-Nitrophenol	9.97	139	143146	34.197	ng		81
57) 2,4-Dinitrotoluene	10.05	165	108342	18.181	ng	#	98
58) Fluorene	10.41	166	427413	22.417	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	63975	11.652	ng	#	63
60) Diethylphthalate	10.28	149	328026	15.493	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	148440	14.360	ng		95
62) 4-Nitroaniline	10.42	138	67960	13.166	ng		91
63) Azobenzene	10.56	77	297988	14.963	ng	#	81
65) 4,6-Dinitro-2-methylphenol	10.46	198	7223	3.481	ng	#	1
66) n-Nitrosodiphenylamine	10.52	169	634662	40.161	ng	#	73
67) 4-Bromophenyl-phenylether	10.89	248	87537	15.243	ng	#	90
68) Hexachlorobenzene	10.97	284	90813	14.849	ng		95
69) Atrazine	11.05	200	82091	18.430	ng		93
70) Pentachlorophenol	11.16	266	82944	22.183	ng		99
71) Phenanthrene	11.37	178	668377	26.663	ng		97
72) Anthracene	11.42	178	476237	18.935	ng		96
73) Carbazole	11.58	167	362123	14.886	ng		93
74) Di-n-butylphthalate	11.91	149	617360	21.816	ng		99
75) Fluoranthene	12.56	202	435833	16.158	ng		98
77) Benzidine	12.68	184	30181	3.067	ng	#	44
78) Pyrene	12.79	202	482778	18.537	ng		99
80) Butylbenzylphthalate	13.41	149	160999	14.808	ng		96
81) Benzo(a)anthracene	13.98	228	328661	16.375	ng		97
82) 3,3'-Dichlorobenzidine	13.94	252	78444	10.765	ng	#	95
83) Chrysene	14.02	228	334011	15.874	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	340326	26.665	ng	#	99
85) Di-n-octyl phthalate	14.58	149	378791	17.152	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.90	276	306528	16.381	ng		96
88) Benzo(b)fluoranthene	15.03	252	267647	14.085	ng	#	84
89) Benzo(k)fluoranthene	15.06	252	263922	14.877	ng	#	83
90) Benzo(a)pyrene	15.39	252	235338	14.159	ng	#	84
91) Dibenzo(a,h)anthracene	16.92	278	260871	17.100	ng	#	91
92) Benzo(g,h,i)perylene	17.34	276	262497	17.446	ng	#	92

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

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