Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121311.D
Acq On : 17 Aug 2020 15:47
Operator : JU/CG
Sample : L3659-07MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP1-3MS

Quant Time: Aug 17 17:03:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107133	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	421774	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	221245	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	441132	20.00	ng		0.00
76) Chrysene-d12	13.86	240	399440	20.00	ng		0.00
86) Perylene-d12	15.27	264	394507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	402371	56.94	ng		0.00
7) Phenol-d6	6.35	99	489422	53.75	ng		0.00
23) Nitrobenzene-d5	7.27	82	317256	41.11	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	156488	57.45	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	631534	39.49	ng		0.00
79) Terphenyl-d14	12.80	244	751644	36.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	68024	22.620	ng		98
3) Pyridine	3.00	79	148378	18.954	ng		97
4) n-Nitrosodimethylamine	2.94	42	78404	24.455	ng		97
6) Aniline	6.36	93	131704	12.201	ng	#	53
8) 2-Chlorophenol	6.49	128	185985	23.935	ng		97
9) Benzaldehyde	6.25	77	112928	24.064	ng		94
10) Phenol	6.36	94	233387	23.626	ng	#	77
11) bis(2-Chloroethyl)ether	6.44	93	173607	24.348	ng		100
12) 1,3-Dichlorobenzene	6.65	146	190749	23.233	ng		99
13) 1,4-Dichlorobenzene	6.72	146	192759	23.228	ng		99
14) 1,2-Dichlorobenzene	6.87	146	183916	23.482	ng		99
15) Benzyl Alcohol	6.85	79	147592	24.196	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	247081	24.064	ng		99
17) 2-Methylphenol	6.97	107	148586	24.208	ng		98
18) Hexachloroethane	7.22	117	70518	24.029	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	118337	23.389	ng		95
20) 3+4-Methylphenols	7.12	107	190051	24.405	ng	#	77
22) Acetophenone	7.12	105	248510	22.876	ng	#	95
24) Nitrobenzene	7.29	77	188706	22.535	ng		96
25) Isophorone	7.53	82	338869	21.870	ng		97
26) 2-Nitrophenol	7.61	139	96385	23.756	ng		96
27) 2,4-Dimethylphenol	7.65	122	161651	24.866	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	218018	25.156	ng		98
29) 2,4-Dichlorophenol	7.85	162	153046	23.022	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	166378	22.676	ng		99
31) Naphthalene	8.01	128	529180	22.301	ng		99
32) Benzoic acid	7.77	122	79622	26.291	ng		98
33) 4-Chloroaniline	8.06	127	84497	8.726	ng		98
34) Hexachlorobutadiene	8.13	225	95797	21.579	ng		99
35) Caprolactam	8.42	113	50031	24.986	ng		97
36) 4-Chloro-3-methylphenol	8.55	107	158410	23.356	ng		100
37) 2-Methylnaphthalene	8.70	142	356821	22.851	ng		98
38) 1-Methylnaphthalene	8.80	142	332982	22.522	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	168605	22.744	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	100303	45.142	ng		98
43) 2,4,6-Trichlorophenol	8.99	196	112387	23.838	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	120093	23.452	ng		97
46) 1,1'-Biphenyl	9.16	154	435157	22.763	ng		98
47) 2-Chloronaphthalene	9.19	162	335238	22.781	ng		99
48) 2-Nitroaniline	9.29	65	101501	24.539	ng		92
49) Acenaphthylene	9.60	152	537765	23.008	ng		100
50) Dimethylphthalate	9.47	163	471707	28.334	ng		99
51) 2,6-Dinitrotoluene	9.53	165	86953	23.430	ng		90
52) Acenaphthene	9.77	154	309924	22.396	ng		98
53) 3-Nitroaniline	9.70	138	48830	11.524	ng		97
54) 2,4-Dinitrophenol	9.81	184	72122	47.056	ng		91
55) Dibenzofuran	9.95	168	491616	22.308	ng		98
56) 4-Nitrophenol	9.87	139	141734	51.831	ng		97
57) 2,4-Dinitrotoluene	9.93	165	115087	23.630	ng		91
58) Fluorene	10.29	166	371179	22.251	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	102943	25.425	ng		99
60) Diethylphthalate	10.17	149	399238	23.582	ng		99
61) 4-Chlorophenyl-phenylether	10.28	204	185568	22.872	ng		95
62) 4-Nitroaniline	10.31	138	91800	21.608	ng		98
63) Azobenzene	10.44	77	376328	22.247	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	56067	23.913	ng		90
66) n-Nitrosodiphenylamine	10.40	169	341975	22.609	ng		99
67) 4-Bromophenyl-phenylether	10.77	248	117940	22.920	ng	#	93
68) Hexachlorobenzene	10.84	284	134286	22.886	ng		93
69) Atrazine	10.93	200	97765	21.609	ng		98
70) Pentachlorophenol	11.03	266	134188	53.624	ng		98
71) Phenanthrene	11.25	178	572558	22.687	ng		100
72) Anthracene	11.30	178	590861	23.331	ng		99
73) Carbazole	11.46	167	556939	22.486	ng		99
74) Di-n-butylphthalate	11.79	149	697755	24.959	ng		100
75) Fluoranthene	12.43	202	680155	24.204	ng		98
77) Benzidine	12.56	184	272312	25.933	ng		98
78) Pyrene	12.66	202	696212	23.406	ng		99
80) Butylbenzylphthalate	13.29	149	313539	25.805	ng		98
81) Benzo(a)anthracene	13.85	228	613395	22.641	ng		99
82) 3,3'-Dichlorobenzidine	13.81	252	169874	15.804	ng		99
83) Chrysene	13.89	228	624277	22.569	ng		98
84) Bis(2-ethylhexyl)phthalate	13.84	149	417803	24.948	ng		100
85) Di-n-octyl phthalate	14.45	149	804256	26.193	ng		100
87) Indeno(1,2,3-cd)pyrene	16.63	276	645288	22.000	ng		99
88) Benzo(b)fluoranthene	14.87	252	609835	23.071	ng		99
89) Benzo(k)fluoranthene	14.90	252	594523	24.220	ng		99
90) Benzo(a)pyrene	15.21	252	539264	22.603	ng		99
91) Dibenzo(a,h)anthracene	16.64	278	539766	21.477	ng		99
92) Benzo(g,h,i)perylene	17.04	276	539336	21.746	ng		99

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

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