Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
Data File : BF120215.D
Acq On : 27 Apr 2020 13:34
Operator : MA/SJ
Sample : L2407-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200010MSD

Manual Integrations APPROVED
mohammad
4/28/2020 11:08:30 PM

Quant Time: Apr 27 14:09:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 12:17:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166474	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	646518	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	334535	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	633071	20.00	ng		0.00
76) Chrysene-d12	13.84	240	413691	20.00	ng		0.00
87) Perylene-d12	15.24	264	367810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	927285	96.26	ng		0.00
7) Phenol-d6	6.33	99	1172492	94.46	ng		0.00
23) Nitrobenzene-d5	7.24	82	747108	59.78	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	335941	82.02	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1484435	63.00	ng		0.00
79) Terphenyl-d14	12.78	244	1627648	66.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	185457	43.225	ng		99
3) Pyridine	3.03	79	513578	43.628	ng		94
4) n-Nitrosodimethylamine	3.00	42	296195	49.247	ng		98
6) Aniline	6.33	93	615382	37.773	ng	#	28
8) 2-Chlorophenol	6.46	128	591815	54.986	ng		99
9) Benzaldehyde	6.21	77	228179	31.078	ng		96
10) Phenol	6.34	94	750004	53.260	ng		95
11) bis(2-Chloroethyl)ether	6.41	93	563710	51.846	ng		100
12) 1,3-Dichlorobenzene	6.60	146	593704	50.385	ng		96
13) 1,4-Dichlorobenzene	6.69	146	603371	50.267	ng		99
14) 1,2-Dichlorobenzene	6.84	146	565027	51.078	ng		98
15) Benzyl Alcohol	6.82	79	474919	49.262	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	918458	43.410	ng		51
17) 2-Methylphenol	6.95	107	465590	48.473	ng	#	89
18) Hexachloroethane	7.17	117	227498	50.714	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	399154	50.008	ng		99
20) 3+4-Methylphenols	7.10	107	603351	51.360	ng	#	84
22) Acetophenone	7.09	105	794774	52.497	ng		99
24) Nitrobenzene	7.26	77	615462	48.957	ng		99
25) Isophorone	7.50	82	1130857	46.942	ng		99
26) 2-Nitrophenol	7.57	139	321672	51.215	ng		89
27) 2,4-Dimethylphenol	7.62	122	501373	52.929	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	706572	49.843	ng		98
29) 2,4-Dichlorophenol	7.82	162	484394	49.888	ng		99
30) 1,2,4-Trichlorobenzene	7.90	180	522090	47.455	ng		99
31) Naphthalene	7.97	128	1673770	49.207	ng		99
32) Benzoic acid	7.79	122	377878	45.422	ng		94
33) 4-Chloroaniline	8.03	127	345330	23.320	ng		99
34) Hexachlorobutadiene	8.09	225	299013	45.403	ng		99
35) Caprolactam	8.42	113	146812m	49.430	ng		
36) 4-Chloro-3-methylphenol	8.53	107	539504	51.321	ng		96
37) 2-Methylnaphthalene	8.67	142	1123739	48.728	ng		99
38) 1-Methylnaphthalene	8.77	142	1066060	49.045	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	498831	47.211	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	476777	79.354	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	360564	49.417	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	373933	45.503	ng		97
46) 1,1'-Biphenyl	9.13	154	1357248	48.067	ng		99
47) 2-Chloronaphthalene	9.16	162	1061006	48.777	ng		98
48) 2-Nitroaniline	9.26	65	386641	49.050	ng		94
49) Acenaphthylene	9.57	152	1664523	50.317	ng		97
50) Dimethylphthalate	9.45	163	1476196	57.049	ng		100
51) 2,6-Dinitrotoluene	9.51	165	284682	50.241	ng		92
52) Acenaphthene	9.75	154	1001503	45.385	ng		98
53) 3-Nitroaniline	9.67	138	185687	28.693	ng		90
54) 2,4-Dinitrophenol	9.79	184	307813	90.735	ng		96
55) Dibenzofuran	9.92	168	1467906	48.475	ng		100
56) 4-Nitrophenol	9.87	139	417236	86.651	ng		99
57) 2,4-Dinitrotoluene	9.92	165	363111	48.638	ng	#	92
58) Fluorene	10.26	166	1175447	48.537	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	322775	51.355	ng		98
60) Diethylphthalate	10.15	149	1299089	48.440	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	558787	45.019	ng		100
62) 4-Nitroaniline	10.30	138	292822	47.479	ng		95
63) Azobenzene	10.42	77	1217689	50.664	ng		96
65) 4,6-Dinitro-2-methylphenol	10.33	198	207619	49.780	ng		99
66) n-Nitrosodiphenylamine	10.37	169	1088632	51.706	ng		100
67) 4-Bromophenyl-phenylether	10.74	248	356165	45.239	ng		97
68) Hexachlorobenzene	10.81	284	379687	47.540	ng		93
69) Atrazine	10.91	200	321412	54.868	ng		99
70) Pentachlorophenol	11.01	266	354933	77.116	ng		98
71) Phenanthrene	11.22	178	1707230	50.671	ng		99
72) Anthracene	11.27	178	1774457	51.554	ng		98
73) Carbazole	11.43	167	1619976	49.770	ng		98
74) Di-n-butylphthalate	11.76	149	2038053	47.630	ng		100
75) Fluoranthene	12.41	202	1896583	52.170	ng		98
77) Benzidine	12.53	184	989985	70.794	ng		98
78) Pyrene	12.64	202	1878826	53.873	ng		98
80) Butylbenzylphthalate	13.26	149	828479	48.957	ng		96
81) Benzo(a)anthracene	13.83	228	1393278	51.195	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	441902	43.517	ng		98
83) Chrysene	13.86	228	1416683	51.231	ng		99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1113210	48.577	ng		99
85) Di-n-octyl phthalate	14.43	149	1809040	46.363	ng		98
86) Indeno(1,2,3-cd)pyrene	16.61	276	1291008	52.962	ng		99
88) Benzo(b)fluoranthene	14.85	252	1415901	53.512	ng		100
89) Benzo(k)fluoranthene	14.87	252	1085473	47.547	ng		98
90) Benzo(a)pyrene	15.19	252	1140360	51.259	ng		99
91) Dibenzo(a,h)anthracene	16.63	278	1060786	53.830	ng		99
92) Benzo(g,h,i)perylene	17.02	276	1078237	55.431	ng		99

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

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