Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118569.D
Acq On : 17 Jan 2020 20:27
Operator : JU
Sample : L1005-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MSD

Manual Integrations APPROVED
mohammad
1/21/2020 7:58:39 AM

Quant Time: Jan 18 01:36:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	339992	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1264871	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	687693	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1279856	20.00	ng		0.00
76) Chrysene-d12	14.05	240	991701	20.00	ng		0.00
87) Perylene-d12	15.52	264	923227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2772217	150.66	ng		0.01
7) Phenol-d6	6.52	99	3451610	143.16	ng		0.00
23) Nitrobenzene-d5	7.45	82	2368942	115.67	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	1238602	162.92	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	4260244	111.84	ng		0.00
79) Terphenyl-d14	13.00	244	4933222	98.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	419943	47.497	ng	#	83
3) Pyridine	3.61	79	661115	27.075	ng		99
4) n-Nitrosodimethylamine	3.47	42	549948	49.104	ng	#	98
6) Aniline	6.55	93	368220	11.668	ng		99
8) 2-Chlorophenol	6.67	128	1106994	52.897	ng		99
9) Benzaldehyde	6.43	77	170731	13.833	ng		100
10) Phenol	6.53	94	1255608	47.466	ng		100
11) bis(2-Chloroethyl)ether	6.62	93	1084323	51.179	ng		99
12) 1,3-Dichlorobenzene	6.83	146	1218024	48.944	ng		98
13) 1,4-Dichlorobenzene	6.90	146	1242161	49.685	ng		98
14) 1,2-Dichlorobenzene	7.06	146	1172044	50.106	ng		97
15) Benzyl Alcohol	7.03	79	978379	49.446	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1441083	46.366	ng		99
17) 2-Methylphenol	7.13	107	906715	51.044	ng		98
18) Hexachloroethane	7.40	117	442056	48.520	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	858781	49.669	ng		98
20) 3+4-Methylphenols	7.29	107	1155739	54.408	ng		94
22) Acetophenone	7.30	105	1542154	50.242	ng	#	95
24) Nitrobenzene	7.47	77	1211501	55.626	ng		99
25) Isophorone	7.71	82	2190225	49.276	ng		99
26) 2-Nitrophenol	7.79	139	523702	54.647	ng		96
27) 2,4-Dimethylphenol	7.82	122	1052179	59.521	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	1345315	47.108	ng		99
29) 2,4-Dichlorophenol	8.03	162	992328	50.999	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	1082067	47.719	ng		99
31) Naphthalene	8.19	128	3162625	53.019	ng		99
32) Benzoic acid	7.93	122	560014	46.531	ng		99
33) 4-Chloroaniline	8.24	127	82067m	2.961	ng		
34) Hexachlorobutadiene	8.32	225	640447	45.281	ng		100
35) Caprolactam	8.60	113	242329m	40.033	ng		
36) 4-Chloro-3-methylphenol	8.72	107	982956	50.960	ng		98
37) 2-Methylnaphthalene	8.89	142	2220663	52.547	ng		100
38) 1-Methylnaphthalene	8.99	142	2089335	52.259	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1092752	49.265	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1373366	118.504	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	823040	58.238	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	709329	49.645	ng		96
46) 1,1'-Biphenyl	9.35	154	2636245	53.650	ng		98
47) 2-Chloronaphthalene	9.37	162	2105129	50.828	ng		98
48) 2-Nitroaniline	9.46	65	596715	55.395	ng		98
49) Acenaphthylene	9.79	152	3159112	54.022	ng		99
50) Dimethylphthalate	9.65	163	2168026	45.916	ng		99
51) 2,6-Dinitrotoluene	9.70	165	548214	60.852	ng		95
52) Acenaphthene	9.96	154	2171445	56.682	ng		99
53) 3-Nitroaniline	9.87	138	116274	11.393	ng		91
54) 2,4-Dinitrophenol	9.97	184	448632	111.873	ng	#	1
55) Dibenzofuran	10.13	168	2923033	53.918	ng		97
56) 4-Nitrophenol	10.03	139	921989	122.298	ng		97
57) 2,4-Dinitrotoluene	10.11	165	663561	55.055	ng		96
58) Fluorene	10.48	166	2300941	54.809	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	657569	53.795	ng		98
60) Diethylphthalate	10.35	149	2390964	51.869	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	1220350	53.135	ng		99
62) 4-Nitroaniline	10.49	138	406111	40.066	ng		97
63) Azobenzene	10.63	77	2323161	51.710	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	320197	58.743	ng		91
66) n-Nitrosodiphenylamine	10.59	169	1911587	46.483	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	822161	47.989	ng	#	94
68) Hexachlorobenzene	11.03	284	893748	47.076	ng		97
69) Atrazine	11.11	200	516583	43.530	ng		100
70) Pentachlorophenol	11.22	266	1058662	113.462	ng		99
71) Phenanthrene	11.44	178	3302392	51.334	ng		100
72) Anthracene	11.49	178	3351381	52.215	ng		100
73) Carbazole	11.64	167	2779894	48.023	ng		99
74) Di-n-butylphthalate	11.97	149	3564225	49.547	ng		100
75) Fluoranthene	12.63	202	3491908	50.474	ng		98
77) Benzidine	12.74	184	10332	0.429	ng	#	90
78) Pyrene	12.86	202	3539321	47.818	ng		99
80) Butylbenzylphthalate	13.47	149	1557282	49.083	ng		94
81) Benzo(a)anthracene	14.04	228	3106747	49.631	ng		98
82) 3,3'-Dichlorobenzidine	14.00	252	174279	7.936	ng		97
83) Chrysene	14.07	228	3039708	50.485	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	2089674	53.063	ng		99
85) Di-n-octyl phthalate	14.64	149	3413721	56.607	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	3353490	56.598	ng		100
88) Benzo(b)fluoranthene	15.09	252	3022812	50.271	ng		100
89) Benzo(k)fluoranthene	15.12	252	2967522	54.607	ng		99
90) Benzo(a)pyrene	15.46	252	2636628	50.393	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	2810831	57.520	ng		99
92) Benzo(g,h,i)perylene	17.45	276	2769964	58.682	ng		99

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

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