Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118568.D
Acq On : 17 Jan 2020 19:59
Operator : JU
Sample : L1005-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-011420MS

Manual Integrations APPROVED
mohammad
1/21/2020 7:58:37 AM

Quant Time: Jan 18 01:34:56 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	347104	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1283489	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	715433	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1331768	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1104596	20.00	ng		0.00
87) Perylene-d12	15.52	264	1087922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2678883	142.60	ng		0.02
7) Phenol-d6	6.52	99	3393556	137.87	ng		0.00
23) Nitrobenzene-d5	7.45	82	2197689	105.75	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	1252217	158.33	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	4095703	103.35	ng		0.00
79) Terphenyl-d14	13.00	244	5039362	90.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	406067	44.987	ng	#	83
3) Pyridine	3.56	79	676812	27.150	ng		100
4) n-Nitrosodimethylamine	3.48	42	544896	47.656	ng		99
6) Aniline	6.55	93	414295	12.859	ng		99
8) 2-Chlorophenol	6.68	128	1093671	51.190	ng		95
9) Benzaldehyde	6.43	77	175769	13.949	ng		97
10) Phenol	6.53	94	1250405	46.301	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	1037837	47.981	ng		99
12) 1,3-Dichlorobenzene	6.83	146	1177574	46.349	ng		99
13) 1,4-Dichlorobenzene	6.91	146	1195680	46.846	ng		98
14) 1,2-Dichlorobenzene	7.06	146	1142073	47.825	ng		98
15) Benzyl Alcohol	7.03	79	991159	49.065	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1403651	44.236	ng		99
17) 2-Methylphenol	7.13	107	899141	49.581	ng		99
18) Hexachloroethane	7.41	117	425631	45.760	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	836367	47.382	ng		99
20) 3+4-Methylphenols	7.29	107	1120417	51.664	ng		96
22) Acetophenone	7.30	105	1473446	47.307	ng	#	95
24) Nitrobenzene	7.47	77	1172722	53.065	ng		99
25) Isophorone	7.71	82	2136815	47.377	ng		99
26) 2-Nitrophenol	7.79	139	505933	52.325	ng		95
27) 2,4-Dimethylphenol	7.82	122	1012055	56.421	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	1306946	45.100	ng		99
29) 2,4-Dichlorophenol	8.03	162	968583	49.057	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	1056895	45.933	ng		99
31) Naphthalene	8.19	128	3023839	49.957	ng		99
32) Benzoic acid	7.93	122	569422	46.611	ng		98
33) 4-Chloroaniline	8.23	127	133595	4.750	ng		95
34) Hexachlorobutadiene	8.32	225	627453	43.719	ng		100
35) Caprolactam	8.60	113	269069m	43.806	ng		
36) 4-Chloro-3-methylphenol	8.72	107	978714	50.004	ng		99
37) 2-Methylnaphthalene	8.89	142	2150024	50.138	ng		99
38) 1-Methylnaphthalene	8.99	142	2037170	50.215	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1070712	46.400	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1330693	110.370	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	740320	50.354	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	791322	53.236	ng		98
46) 1,1'-Biphenyl	9.35	154	2569275	50.259	ng		99
47) 2-Chloronaphthalene	9.37	162	2062072	47.858	ng		98
48) 2-Nitroaniline	9.46	65	594322	53.033	ng		97
49) Acenaphthylene	9.79	152	3120081	51.286	ng		99
50) Dimethylphthalate	9.65	163	2380336	48.458	ng		99
51) 2,6-Dinitrotoluene	9.70	165	541613	57.789	ng		94
52) Acenaphthene	9.96	154	2141825	53.741	ng		98
53) 3-Nitroaniline	9.87	138	157170	14.803	ng	#	94
54) 2,4-Dinitrophenol	9.97	184	440056	106.084	ng	#	1
55) Dibenzofuran	10.13	168	2884863	51.150	ng		97
56) 4-Nitrophenol	10.03	139	960666	122.488	ng		97
57) 2,4-Dinitrotoluene	10.11	165	711845	56.614	ng		95
58) Fluorene	10.48	166	2275977	52.112	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	688870	54.171	ng		97
60) Diethylphthalate	10.35	149	2374314	49.511	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	1203161	50.356	ng		98
62) 4-Nitroaniline	10.49	138	461377	43.753	ng		98
63) Azobenzene	10.63	77	2353739	50.359	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	319486	56.728	ng		89
66) n-Nitrosodiphenylamine	10.59	169	2034938	47.554	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	811097	45.498	ng	#	94
68) Hexachlorobenzene	11.03	284	898159	45.464	ng		97
69) Atrazine	11.11	200	616360	49.913	ng		99
70) Pentachlorophenol	11.22	266	1073002	110.517	ng		99
71) Phenanthrene	11.44	178	3329506	49.738	ng		99
72) Anthracene	11.49	178	3401064	50.923	ng		100
73) Carbazole	11.64	167	3000332	49.811	ng		100
74) Di-n-butylphthalate	11.97	149	3527888	47.130	ng		99
75) Fluoranthene	12.63	202	3636672	50.517	ng		99
77) Benzidine	12.73	184	25525	0.951	ng	#	93
78) Pyrene	12.85	202	3661071	44.407	ng		99
80) Butylbenzylphthalate	13.47	149	1625460	45.995	ng		94
81) Benzo(a)anthracene	14.04	228	3326831	47.715	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	311386	12.729	ng		98
83) Chrysene	14.08	228	3232187	48.195	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	2147552	48.959	ng		99
85) Di-n-octyl phthalate	14.64	149	3585907	53.385	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	3515985	53.276	ng		100
88) Benzo(b)fluoranthene	15.09	252	3532994	49.861	ng		100
89) Benzo(k)fluoranthene	15.13	252	2920151	45.600	ng		98
90) Benzo(a)pyrene	15.46	252	2890553	46.883	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	2927128	50.832	ng		100
92) Benzo(g,h,i)perylene	17.46	276	2919112	52.480	ng		99

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

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