Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
Data File : BF115269.D
Acq On : 28 Jun 2019 9:36
Operator : HP/JU
Sample : PB120890BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120890BSD

Manual Integrations APPROVED
mohammad
7/1/2019 3:05:31 PM

Quant Time: Jun 29 04:13:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	217963	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	853672	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	422532	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	829698	20.00	ng		0.00
76) Chrysene-d12	13.72	240	570857	20.00	ng		0.00
87) Perylene-d12	15.08	264	706476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1595940	112.99	ng		0.02
7) Phenol-d6	6.25	99	1913222	111.60	ng		0.01
23) Nitrobenzene-d5	7.17	82	1145431	82.54	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	597687	134.14	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2238271	89.98	ng		0.00
79) Terphenyl-d14	12.68	244	2444540	91.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	260520	39.082	ng		99
3) Pyridine	2.90	79	665984	35.447	ng		97
4) n-Nitrosodimethylamine	2.84	42	268898	36.508	ng		97
6) Aniline	6.26	93	645784	27.408	ng	#	14
8) 2-Chlorophenol	6.39	128	651571	41.025	ng		97
9) Benzaldehyde	6.14	77	376218	33.637	ng		96
10) Phenol	6.26	94	749523	37.324	ng		91
11) bis(2-Chloroethyl)ether	6.34	93	595656	40.239	ng		100
12) 1,3-Dichlorobenzene	6.54	146	710539	40.312	ng		99
13) 1,4-Dichlorobenzene	6.62	146	721165	40.801	ng		99
14) 1,2-Dichlorobenzene	6.77	146	673672	41.157	ng		99
15) Benzyl Alcohol	6.75	79	492439	39.447	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	841653	39.202	ng		98
17) 2-Methylphenol	6.87	107	552573	42.151	ng		99
18) Hexachloroethane	7.11	117	258359	40.545	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	419423	38.214	ng		99
20) 3+4-Methylphenols	7.02	107	633605	41.857	ng	#	86
22) Acetophenone	7.01	105	866533	44.339	ng	#	96
24) Nitrobenzene	7.18	77	658674	43.083	ng		97
25) Isophorone	7.42	82	1214663	42.727	ng		99
26) 2-Nitrophenol	7.50	139	368611	48.822	ng		98
27) 2,4-Dimethylphenol	7.55	122	613555	49.633	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	773908	43.071	ng		98
29) 2,4-Dichlorophenol	7.74	162	574891	45.064	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	624802	44.339	ng		98
31) Naphthalene	7.91	128	1884346	44.968	ng		99
32) Benzoic acid	7.68	122	445587	50.497	ng		98
33) 4-Chloroaniline	7.95	127	498716	26.041	ng		98
34) Hexachlorobutadiene	8.03	225	340230	44.059	ng		99
35) Caprolactam	8.32	113	189800m	44.252	ng		
36) 4-Chloro-3-methylphenol	8.44	107	571903	44.267	ng		98
37) 2-Methylnaphthalene	8.60	142	1286506	45.533	ng		99
38) 1-Methylnaphthalene	8.70	142	1202898	44.577	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	540018	45.228	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	686666	96.987 ng	99
43) 2,4,6-Trichlorophenol	8.87	196	419654	45.525 ng	99
44) 2,4,5-Trichlorophenol	8.91	196	438427	46.185 ng	97
46) 1,1'-Biphenyl	9.06	154	1507552	44.591 ng	98
47) 2-Chloronaphthalene	9.08	162	1211567	44.179 ng	98
48) 2-Nitroaniline	9.17	65	345151	43.170 ng	96
49) Acenaphthylene	9.49	152	1903970	44.561 ng	99
50) Dimethylphthalate	9.37	163	1372282	44.144 ng	99
51) 2,6-Dinitrotoluene	9.42	165	326323	45.468 ng	95
52) Acenaphthene	9.67	154	1105912	41.363 ng	99
53) 3-Nitroaniline	9.58	138	250336	28.583 ng	98
54) 2,4-Dinitrophenol	9.69	184	376402	99.910 ng	91
55) Dibenzofuran	9.84	168	1655138	43.131 ng	99
56) 4-Nitrophenol	9.75	139	587919	83.732 ng	95
57) 2,4-Dinitrotoluene	9.82	165	430088	46.411 ng	94
58) Fluorene	10.18	166	1170857	45.969 ng	97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	371770	46.705 ng	98
60) Diethylphthalate	10.07	149	1376321	44.044 ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	572907	47.575 ng	99
62) 4-Nitroaniline	10.20	138	367957	41.879 ng	98
63) Azobenzene	10.33	77	1259179	43.142 ng	97
65) 4,6-Dinitro-2-methylphenol	10.22	198	230263	51.729 ng	86
66) n-Nitrosodiphenylamine	10.29	169	1152401	44.582 ng	100
67) 4-Bromophenyl-phenylether	10.65	248	404687	44.987 ng	98
68) Hexachlorobenzene	10.72	284	434951	44.545 ng	97
69) Atrazine	10.82	200	375789	45.193 ng	99
70) Pentachlorophenol	10.91	266	538369	86.548 ng	96
71) Phenanthrene	11.12	178	1888051	42.265 ng	100
72) Anthracene	11.18	178	1930481	42.811 ng	99
73) Carbazole	11.33	167	1737662	43.154 ng	99
74) Di-n-butylphthalate	11.68	149	2097156	45.071 ng	99
75) Fluoranthene	12.31	202	1936400	43.445 ng	97
77) Benzidine	12.43	184	1057944	41.736 ng	100
78) Pyrene	12.53	202	1968836	44.878 ng	98
80) Butylbenzylphthalate	13.17	149	933005	48.191 ng	92
81) Benzo(a)anthracene	13.71	228	1814186	44.291 ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	488792	33.045 ng	99
83) Chrysene	13.75	228	1738763	46.341 ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1266303	49.916 ng	100
85) Di-n-octyl phthalate	14.34	149	2151386	50.474 ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	2125611	47.876 ng	99
88) Benzo(b)fluoranthene	14.72	252	1972331	44.742 ng	99
89) Benzo(k)fluoranthene	14.74	252	1610560	40.741 ng	99
90) Benzo(a)pyrene	15.04	252	1802038	45.355 ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1726271	46.540 ng	99
92) Benzo(g,h,i)perylene	16.74	276	1787448	47.613 ng	98

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

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