Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115368.D
Acq On : 2 Jul 2019 19:08
Operator : HP/JU
Sample : K3158-10MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MS

Manual Integrations APPROVED
mohammad
7/3/2019 10:51:48 PM

Quant Time: Jul 03 06:52:24 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	6.61	152	238944	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	917825	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	445575	20.00	ng		0.02
64) Phenanthrene-d10	11.12	188	839891	20.00	ng		0.02
76) Chrysene-d12	13.74	240	449200	20.00	ng		0.02
87) Perylene-d12	15.11	264	533404	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1437024	92.81	ng		0.04
7) Phenol-d6	6.26	99	1685520	89.69	ng		0.02
23) Nitrobenzene-d5	7.17	82	1264558	84.75	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	577159	122.83	ng		0.02
45) 2-Fluorobiphenyl	8.97	172	2363169	90.09	ng		0.01
79) Terphenyl-d14	12.71	244	2234400	105.76	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	216030	29.562	ng	#	84
3) Pyridine	3.01	79	498227	24.190	ng		97
4) n-Nitrosodimethylamine	2.94	42	245397	30.392	ng		96
6) Aniline	6.27	93	162318	6.284	ng	#	1
8) 2-Chlorophenol	6.40	128	625007	35.897	ng		99
9) Benzaldehyde	6.15	77	316748	25.833	ng		98
10) Phenol	6.27	94	622425	28.273	ng		91
11) bis(2-Chloroethyl)ether	6.35	93	588333	36.255	ng		98
12) 1,3-Dichlorobenzene	6.55	146	704030	36.435	ng		100
13) 1,4-Dichlorobenzene	6.62	146	717371	37.023	ng		99
14) 1,2-Dichlorobenzene	6.78	146	656159	36.567	ng		98
15) Benzyl Alcohol	6.76	79	430594	31.465	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	802798	34.109	ng		84
17) 2-Methylphenol	6.88	107	566807	39.440	ng		96
18) Hexachloroethane	7.12	117	252873	36.199	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	416754	34.637	ng		99
20) 3+4-Methylphenols	7.03	107	627030	37.786	ng	#	78
22) Acetophenone	7.02	105	899394	42.804	ng	#	92
24) Nitrobenzene	7.19	77	660196	40.164	ng		99
25) Isophorone	7.44	82	1177246	38.516	ng		99
26) 2-Nitrophenol	7.51	139	362744	44.687	ng		97
27) 2,4-Dimethylphenol	7.56	122	587897	44.234	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	759233	39.301	ng		99
29) 2,4-Dichlorophenol	7.75	162	568580	41.454	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	622517	41.089	ng		99
31) Naphthalene	7.91	128	1874836	41.613	ng		99
32) Benzoic acid	7.68	122	194814	20.535	ng		97
33) 4-Chloroaniline	7.97	127	60822	2.954	ng		98
34) Hexachlorobutadiene	8.04	225	342720	41.280	ng		99
35) Caprolactam	8.34	113	142473m	30.896	ng		
36) 4-Chloro-3-methylphenol	8.46	107	564072	40.609	ng		99
37) 2-Methylnaphthalene	8.61	142	1263959	41.608	ng		97
38) 1-Methylnaphthalene	8.70	142	1196470	41.240	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	558325	44.343	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	467931	62.674 ng	98
43) 2,4,6-Trichlorophenol	8.89	196	397202	40.861 ng	98
44) 2,4,5-Trichlorophenol	8.93	196	454683	45.420 ng	96
46) 1,1'-Biphenyl	9.07	154	1467753	41.169 ng	98
47) 2-Chloronaphthalene	9.09	162	1185804	41.004 ng	98
48) 2-Nitroaniline	9.19	65	348839	41.375 ng	88
49) Acenaphthylene	9.50	152	1855257	41.175 ng	99
50) Dimethylphthalate	9.38	163	1412920	43.101 ng	100
51) 2,6-Dinitrotoluene	9.43	165	330951	43.728 ng	100
52) Acenaphthene	9.68	154	1065824	37.802 ng	99
53) 3-Nitroaniline	9.59	138	108798	11.780 ng	95
54) 2,4-Dinitrophenol	9.70	184	114175	33.970 ng	93
55) Dibenzofuran	9.85	168	1583381	39.128 ng	99
56) 4-Nitrophenol	9.77	139	478962	64.686 ng	98
57) 2,4-Dinitrotoluene	9.84	165	423788	43.366 ng	94
58) Fluorene	10.19	166	1124092	41.159 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	358977	42.765 ng	97
60) Diethylphthalate	10.08	149	1327549	40.287 ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	551812	42.759 ng	96
62) 4-Nitroaniline	10.21	138	343381	37.061 ng	97
63) Azobenzene	10.34	77	1205486	39.166 ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	111113	27.254 ng	92
66) n-Nitrosodiphenylamine	10.31	169	1113685	42.561 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	392659	43.120 ng	95
68) Hexachlorobenzene	10.74	284	422856	42.781 ng	97
69) Atrazine	10.84	200	365916	43.472 ng	99
70) Pentachlorophenol	10.93	266	402902	63.984 ng	98
71) Phenanthrene	11.14	178	1805046	39.916 ng	100
72) Anthracene	11.20	178	1856321	40.667 ng	99
73) Carbazole	11.35	167	1663315	40.806 ng	100
74) Di-n-butylphthalate	11.70	149	2005602	42.580 ng	99
75) Fluoranthene	12.32	202	1725958	38.254 ng	98
77) Benzidine	12.45	184	247952	12.431 ng	99
78) Pyrene	12.55	202	1707307	49.457 ng	99
80) Butylbenzylphthalate	13.18	149	760385	49.912 ng	95
81) Benzo(a)anthracene	13.74	228	1372946	42.596 ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	168833	14.505 ng	99
83) Chrysene	13.77	228	1309427	44.350 ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	997668	49.978 ng	99
85) Di-n-octyl phthalate	14.36	149	1538114	45.859 ng	99
86) Indeno(1,2,3-cd)pyrene	16.39	276	1297546	37.140 ng	99
88) Benzo(b)fluoranthene	14.74	252	1453669	43.676 ng	100
89) Benzo(k)fluoranthene	14.77	252	1264591	42.368 ng	98
90) Benzo(a)pyrene	15.06	252	1333819	44.463 ng	99
91) Dibenzo(a,h)anthracene	16.42	278	1076879	38.453 ng	97
92) Benzo(g,h,i)perylene	16.78	276	1012685	35.728 ng	98

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

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