Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115086.D
Acq On : 21 Jun 2019 19:12
Operator : HP/JU
Sample : PB120722BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120722BS

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:11 PM

Quant Time: Jun 22 05:36:01 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 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	263365	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1043987	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	522993	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	1039127	20.00	ng		0.00
76) Chrysene-d12	13.75	240	732420	20.00	ng		0.00
87) Perylene-d12	15.11	264	772665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	2061407	120.79	ng		0.02
7) Phenol-d6	6.26	99	2553018	123.25	ng		0.00
23) Nitrobenzene-d5	7.18	82	1583365	93.30	ng		0.00
42) 2,4,6-Tribromophenol	10.44	330	713273	129.33	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2838832	92.20	ng		0.00
79) Terphenyl-d14	12.71	244	3037621	88.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	282818	35.113	ng		99
3) Pyridine	2.95	79	797010	35.108	ng		99
4) n-Nitrosodimethylamine	2.90	42	349756	39.300	ng		100
6) Aniline	6.28	93	657960	23.111	ng	#	7
8) 2-Chlorophenol	6.40	128	787096	41.015	ng		98
9) Benzaldehyde	6.15	77	213104	15.769	ng		98
10) Phenol	6.27	94	933239	38.461	ng		97
11) bis(2-Chloroethyl)ether	6.36	93	720936	40.307	ng		98
12) 1,3-Dichlorobenzene	6.55	146	835827	39.245	ng		98
13) 1,4-Dichlorobenzene	6.63	146	850753	39.835	ng		98
14) 1,2-Dichlorobenzene	6.79	146	787237	39.804	ng		98
15) Benzyl Alcohol	6.76	79	623911	41.363	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1056137	40.712	ng		99
17) 2-Methylphenol	6.88	107	675667	42.655	ng		98
18) Hexachloroethane	7.13	117	307451	39.931	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	535452	40.376	ng		99
20) 3+4-Methylphenols	7.04	107	766570	41.911	ng	#	88
22) Acetophenone	7.03	105	1058700	44.296	ng	#	98
24) Nitrobenzene	7.20	77	815295	43.606	ng		97
25) Isophorone	7.44	82	1535971	44.180	ng		99
26) 2-Nitrophenol	7.51	139	440073	47.662	ng		96
27) 2,4-Dimethylphenol	7.56	122	748293	49.498	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	948764	43.177	ng		99
29) 2,4-Dichlorophenol	7.75	162	698865	44.796	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	741814	43.047	ng		99
31) Naphthalene	7.92	128	2239078	43.692	ng		99
32) Benzoic acid	7.71	122	593533	55.002	ng		96
33) 4-Chloroaniline	7.97	127	399798	17.070	ng		99
34) Hexachlorobutadiene	8.05	225	398228	42.169	ng		99
35) Caprolactam	8.35	113	220991m	42.132	ng		
36) 4-Chloro-3-methylphenol	8.46	107	712218	45.078	ng		99
37) 2-Methylnaphthalene	8.61	142	1564813	45.287	ng		100
38) 1-Methylnaphthalene	8.71	142	1485060	45.001	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	626834	42.414	ng		99

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Quant Time: Jun 22 05:36:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	714787	81.566	ng		100
43) 2,4,6-Trichlorophenol	8.89	196	526754	46.167	ng		100
44) 2,4,5-Trichlorophenol	8.93	196	517506	44.043	ng		98
46) 1,1'-Biphenyl	9.08	154	1784688	42.648	ng		98
47) 2-Chloronaphthalene	9.10	162	1448860	42.683	ng		97
48) 2-Nitroaniline	9.19	65	432036	43.657	ng		98
49) Acenaphthylene	9.51	152	2255642	42.651	ng		99
50) Dimethylphthalate	9.39	163	1672672	43.471	ng		99
51) 2,6-Dinitrotoluene	9.44	165	399414	44.962	ng		99
52) Acenaphthene	9.68	154	1568292	47.390	ng		99
53) 3-Nitroaniline	9.60	138	297682	27.460	ng		95
54) 2,4-Dinitrophenol	9.71	184	433929	93.559	ng		96
55) Dibenzofuran	9.85	168	2001155	42.131	ng		98
56) 4-Nitrophenol	9.77	139	750602	86.367	ng		95
57) 2,4-Dinitrotoluene	9.84	165	537910	46.896	ng	#	90
58) Fluorene	10.20	166	1359652	42.650	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	455476	46.229	ng		100
60) Diethylphthalate	10.09	149	1684560	43.553	ng		99
61) 4-Chlorophenyl-phenylether	10.19	204	658104	43.576	ng		96
62) 4-Nitroaniline	10.22	138	457051	42.027	ng		99
63) Azobenzene	10.35	77	1575199	43.602	ng		96
65) 4,6-Dinitro-2-methylphenol	10.24	198	257458	46.713	ng		84
66) n-Nitrosodiphenylamine	10.31	169	1397511	43.168	ng		99
67) 4-Bromophenyl-phenylether	10.68	248	484695	43.022	ng		98
68) Hexachlorobenzene	10.74	284	519949	42.518	ng		98
69) Atrazine	10.84	200	456779	43.862	ng		99
70) Pentachlorophenol	10.93	266	632615	81.202	ng		98
71) Phenanthrene	11.15	178	2258083	40.360	ng		100
72) Anthracene	11.20	178	2289434	40.538	ng		98
73) Carbazole	11.35	167	2124341	42.124	ng		99
74) Di-n-butylphthalate	11.70	149	2532382	43.455	ng		98
75) Fluoranthene	12.32	202	2371757	42.488	ng		99
77) Benzidine	12.45	184	519583	15.976	ng		99
78) Pyrene	12.55	202	2399033	42.622	ng		98
80) Butylbenzylphthalate	13.19	149	1162590	46.803	ng		97
81) Benzo(a)anthracene	13.74	228	2216816	42.182	ng		98
82) 3,3'-Dichlorobenzidine	13.71	252	527977	27.820	ng		97
83) Chrysene	13.78	228	1995535	41.453	ng		99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1485567	45.642	ng		99
85) Di-n-octyl phthalate	14.37	149	2609306	47.714	ng		100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2571298	45.139	ng		100
88) Benzo(b)fluoranthene	14.74	252	2491139	51.670	ng		98
89) Benzo(k)fluoranthene	14.77	252	1952486	45.159	ng		100
90) Benzo(a)pyrene	15.06	252	2221327	51.119	ng		100
91) Dibenzo(a,h)anthracene	16.42	278	2102634	51.831	ng		100
92) Benzo(g,h,i)perylene	16.78	276	2169486	52.839	ng		97

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

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