Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115091.D
Acq On : 21 Jun 2019 21:25
Operator : HP/JU
Sample : PB120707BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120707BS

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:18 PM

Quant Time: Jun 22 05:36:37 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	270385	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1059602	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	541821	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	1063063	20.00	ng		0.00
76) Chrysene-d12	13.75	240	760419	20.00	ng		0.00
87) Perylene-d12	15.11	264	795556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	2095439	119.59	ng		0.02
7) Phenol-d6	6.26	99	2587720	121.68	ng		0.00
23) Nitrobenzene-d5	7.18	82	1596827	92.70	ng		0.00
42) 2,4,6-Tribromophenol	10.44	330	730768	127.90	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2921947	91.60	ng		0.00
79) Terphenyl-d14	12.71	244	3145563	87.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	281798	34.078	ng		99
3) Pyridine	2.95	79	811047	34.799	ng		98
4) n-Nitrosodimethylamine	2.89	42	354004	38.745	ng		99
6) Aniline	6.28	93	674932	23.092	ng	#	7
8) 2-Chlorophenol	6.40	128	807766	40.999	ng		98
9) Benzaldehyde	6.15	77	213974	15.422	ng		99
10) Phenol	6.27	94	937961	37.652	ng		95
11) bis(2-Chloroethyl)ether	6.36	93	736342	40.099	ng		98
12) 1,3-Dichlorobenzene	6.55	146	851709	38.952	ng		98
13) 1,4-Dichlorobenzene	6.63	146	862060	39.317	ng		99
14) 1,2-Dichlorobenzene	6.79	146	797527	39.277	ng		98
15) Benzyl Alcohol	6.77	79	626356	40.447	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1068934	40.135	ng		100
17) 2-Methylphenol	6.88	107	689823	42.418	ng		99
18) Hexachloroethane	7.13	117	313115	39.611	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	536679	39.418	ng		96
20) 3+4-Methylphenols	7.04	107	781566	41.622	ng	#	88
22) Acetophenone	7.03	105	1076729	44.387	ng	#	98
24) Nitrobenzene	7.20	77	821487	43.290	ng		95
25) Isophorone	7.45	82	1566182	44.385	ng		99
26) 2-Nitrophenol	7.51	139	443369	47.311	ng		97
27) 2,4-Dimethylphenol	7.56	122	767229	50.003	ng		98
28) bis(2-Chloroethoxy)methane	7.66	93	965669	43.299	ng		99
29) 2,4-Dichlorophenol	7.76	162	716865	45.272	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	765002	43.738	ng		99
31) Naphthalene	7.92	128	2284625	43.924	ng		100
32) Benzoic acid	7.71	122	595244	54.348	ng		96
33) 4-Chloroaniline	7.97	127	404555	17.019	ng		99
34) Hexachlorobutadiene	8.05	225	405731	42.330	ng		98
35) Caprolactam	8.35	113	239613m	45.009	ng		
36) 4-Chloro-3-methylphenol	8.46	107	724233	45.163	ng		99
37) 2-Methylnaphthalene	8.61	142	1592637	45.413	ng		99
38) 1-Methylnaphthalene	8.71	142	1521763	45.433	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	646135	42.201	ng		99

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QLast Update : Fri Jun 21 17:55:32 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	716675	78.939	ng		99
43) 2,4,6-Trichlorophenol	8.89	196	537900	45.505	ng		98
44) 2,4,5-Trichlorophenol	8.92	196	529989	43.538	ng		98
46) 1,1'-Biphenyl	9.08	154	1817538	41.924	ng		99
47) 2-Chloronaphthalene	9.10	162	1487131	42.289	ng		98
48) 2-Nitroaniline	9.19	65	441137	43.028	ng		98
49) Acenaphthylene	9.51	152	2294446	41.877	ng		99
50) Dimethylphthalate	9.39	163	1689970	42.395	ng		100
51) 2,6-Dinitrotoluene	9.44	165	413490	44.929	ng		99
52) Acenaphthene	9.68	154	1606799	46.866	ng		99
53) 3-Nitroaniline	9.60	138	296316	26.384	ng		94
54) 2,4-Dinitrophenol	9.71	184	434832	90.736	ng		97
55) Dibenzofuran	9.85	168	2032783	41.310	ng		98
56) 4-Nitrophenol	9.77	139	773874	85.950	ng		95
57) 2,4-Dinitrotoluene	9.84	165	557195	46.890	ng	#	89
58) Fluorene	10.20	166	1376404	41.499	ng		97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	474852	46.521	ng		99
60) Diethylphthalate	10.09	149	1741486	43.461	ng		99
61) 4-Chlorophenyl-phenylether	10.19	204	669894	42.675	ng		96
62) 4-Nitroaniline	10.22	138	461368	40.950	ng		97
63) Azobenzene	10.35	77	1604850	42.879	ng		99
65) 4,6-Dinitro-2-methylphenol	10.24	198	261107	46.351	ng		85
66) n-Nitrosodiphenylamine	10.31	169	1445358	43.641	ng		99
67) 4-Bromophenyl-phenylether	10.68	248	492915	42.766	ng		97
68) Hexachlorobenzene	10.74	284	535787	42.827	ng		98
69) Atrazine	10.84	200	473501	44.444	ng		99
70) Pentachlorophenol	10.93	266	638533	80.116	ng		97
71) Phenanthrene	11.15	178	2306433	40.296	ng		99
72) Anthracene	11.20	178	2369699	41.015	ng		99
73) Carbazole	11.35	167	2202009	42.681	ng		99
74) Di-n-butylphthalate	11.70	149	2581189	43.295	ng		98
75) Fluoranthene	12.32	202	2462045	43.112	ng		99
77) Benzidine	12.45	184	533990	15.815	ng		100
78) Pyrene	12.55	202	2463610	42.157	ng		98
80) Butylbenzylphthalate	13.19	149	1196734	46.404	ng		98
81) Benzo(a)anthracene	13.74	228	2296287	42.085	ng		99
82) 3,3'-Dichlorobenzidine	13.70	252	566550	28.754	ng		99
83) Chrysene	13.77	228	2084494	41.706	ng		99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1537159	45.488	ng	#	99
85) Di-n-octyl phthalate	14.37	149	2642003	46.533	ng		99
86) Indeno(1,2,3-cd)pyrene	16.39	276	2591249	43.814	ng		100
88) Benzo(b)fluoranthene	14.74	252	2324289	46.823	ng		97
89) Benzo(k)fluoranthene	14.77	252	2259886	50.765	ng		100
90) Benzo(a)pyrene	15.06	252	2270970	50.757	ng		99
91) Dibenzo(a,h)anthracene	16.42	278	2116966	50.682	ng		100
92) Benzo(g,h,i)perylene	16.78	276	2164274	51.195	ng		99

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

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