Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115351.D
Acq On : 2 Jul 2019 9:23
Operator : HP/JU
Sample : PB121059BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121059BS

Manual Integrations APPROVED
mohammad
7/3/2019 10:51:24 PM

Quant Time: Jul 02 12:08:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 02 12:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	187122	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	733913	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	363115	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	722914	20.00	ng		0.00
76) Chrysene-d12	13.73	240	492558	20.00	ng		0.00
87) Perylene-d12	15.10	264	599281	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	875524	72.20	ng		0.01
7) Phenol-d6	6.25	99	1073023	72.91	ng		0.00
23) Nitrobenzene-d5	7.17	82	960249	80.49	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	335843	87.71	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	1906456	89.18	ng		0.00
79) Terphenyl-d14	12.69	244	2099624	90.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	211169	36.900	ng		99
3) Pyridine	2.91	79	496606	30.788	ng		99
4) n-Nitrosodimethylamine	2.85	42	198213	31.347	ng		98
6) Aniline	6.26	93	516849	25.552	ng	#	84
8) 2-Chlorophenol	6.39	128	514994	37.770	ng		98
9) Benzaldehyde	6.14	77	285421	29.725	ng		98
10) Phenol	6.26	94	595101	34.519	ng		93
11) bis(2-Chloroethyl)ether	6.34	93	457121	35.970	ng		99
12) 1,3-Dichlorobenzene	6.54	146	563454	37.236	ng		97
13) 1,4-Dichlorobenzene	6.62	146	566580	37.339	ng		99
14) 1,2-Dichlorobenzene	6.77	146	527239	37.520	ng		98
15) Benzyl Alcohol	6.75	79	273085	25.481	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	644246	34.953	ng		100
17) 2-Methylphenol	6.87	107	457176	40.622	ng		99
18) Hexachloroethane	7.11	117	200939	36.731	ng		95
19) n-Nitroso-di-n-propylamine	7.02	70	327816	34.791	ng		99
20) 3+4-Methylphenols	7.02	107	526236	40.494	ng	#	77
22) Acetophenone	7.01	105	689129	41.015	ng	#	99
24) Nitrobenzene	7.18	77	515650	39.232	ng		97
25) Isophorone	7.43	82	914116	37.402	ng		98
26) 2-Nitrophenol	7.50	139	286627	44.158	ng		94
27) 2,4-Dimethylphenol	7.55	122	475143	44.709	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	597286	38.666	ng		99
29) 2,4-Dichlorophenol	7.75	162	449541	40.988	ng		98
30) 1,2,4-Trichlorobenzene	7.83	180	486075	40.123	ng		99
31) Naphthalene	7.91	128	1469705	40.796	ng		100
32) Benzoic acid	7.68	122	303878	40.057	ng		98
33) 4-Chloroaniline	7.95	127	389145	23.635	ng		99
34) Hexachlorobutadiene	8.03	225	265461	39.986	ng		98
35) Caprolactam	8.33	113	138352m	37.521	ng		
36) 4-Chloro-3-methylphenol	8.45	107	448672	40.395	ng		100
37) 2-Methylnaphthalene	8.60	142	1009625	41.564	ng		100
38) 1-Methylnaphthalene	8.70	142	938588	40.458	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	437246	42.612	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	508793	83.622	ng		99
43) 2,4,6-Trichlorophenol	8.88	196	314318	39.677	ng		100
44) 2,4,5-Trichlorophenol	8.92	196	350330	42.943	ng		97
46) 1,1'-Biphenyl	9.06	154	1194720	41.120	ng		99
47) 2-Chloronaphthalene	9.08	162	948196	40.233	ng		98
48) 2-Nitroaniline	9.18	65	268586	39.090	ng		97
49) Acenaphthylene	9.50	152	1483005	40.388	ng		99
50) Dimethylphthalate	9.37	163	1093006	40.913	ng		99
51) 2,6-Dinitrotoluene	9.42	165	253132	41.042	ng		91
52) Acenaphthene	9.67	154	859597	37.411	ng		99
53) 3-Nitroaniline	9.58	138	190996	25.376	ng		100
54) 2,4-Dinitrophenol	9.70	184	267751	83.965	ng	#	88
55) Dibenzofuran	9.84	168	1303753	39.534	ng		99
56) 4-Nitrophenol	9.76	139	432776	71.722	ng		91
57) 2,4-Dinitrotoluene	9.82	165	333834	41.919	ng		99
58) Fluorene	10.18	166	939978	42.435	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	295665	43.222	ng		98
60) Diethylphthalate	10.07	149	1068199	39.778	ng		100
61) 4-Chlorophenyl-phenylether	10.17	204	458764	43.784	ng		95
62) 4-Nitroaniline	10.20	138	281967	37.343	ng		97
63) Azobenzene	10.33	77	970298	38.684	ng		96
65) 4,6-Dinitro-2-methylphenol	10.23	198	169374	44.443	ng		88
66) n-Nitrosodiphenylamine	10.30	169	902424	40.068	ng		98
67) 4-Bromophenyl-phenylether	10.66	248	311813	39.783	ng		98
68) Hexachlorobenzene	10.72	284	347189	40.810	ng	#	93
69) Atrazine	10.82	200	289558	39.967	ng		99
70) Pentachlorophenol	10.92	266	414505	76.478	ng		97
71) Phenanthrene	11.13	178	1502430	38.600	ng		99
72) Anthracene	11.18	178	1537089	39.122	ng		100
73) Carbazole	11.34	167	1390454	39.632	ng		99
74) Di-n-butylphthalate	11.68	149	1649119	40.677	ng		99
75) Fluoranthene	12.31	202	1555998	40.067	ng		99
77) Benzidine	12.44	184	726803	33.231	ng		99
78) Pyrene	12.54	202	1572590	41.544	ng		99
80) Butylbenzylphthalate	13.17	149	732176	43.830	ng		100
81) Benzo(a)anthracene	13.72	228	1428029	40.405	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	449404	35.212	ng		99
83) Chrysene	13.76	228	1386336	42.822	ng		100
84) Bis(2-ethylhexyl)phthalate	13.74	149	957983	43.766	ng		99
85) Di-n-octyl phthalate	14.35	149	1686232	45.850	ng		100
86) Indeno(1,2,3-cd)pyrene	16.38	276	1600736	41.785	ng		99
88) Benzo(b)fluoranthene	14.73	252	1493507	39.940	ng		99
89) Benzo(k)fluoranthene	14.76	252	1361686	40.606	ng		99
90) Benzo(a)pyrene	15.05	252	1397715	41.471	ng		98
91) Dibenzo(a,h)anthracene	16.40	278	1314226	41.769	ng		98
92) Benzo(g,h,i)perylene	16.77	276	1346722	42.289	ng		99

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

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