Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117319.D
Acq On : 3 Oct 2019 16:40
Operator : JU
Sample : PB123594BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB123594BS

Manual Integrations APPROVED
mohammad
10/7/2019 8:25:44 AM

Quant Time: Oct 04 04:06:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	57545	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	249395	20.00	ng		-0.02
39) Acenaphthene-d10	9.85	164	130196	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	207630	20.00	ng		0.00
76) Chrysene-d12	13.97	240	150994	20.00	ng		0.00
87) Perylene-d12	15.43	264	105980	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	416675	113.05	ng		0.00
7) Phenol-d6	6.46	99	549350	115.33	ng		0.00
23) Nitrobenzene-d5	7.37	82	326463	68.78	ng		-0.01
42) 2,4,6-Tribromophenol	10.64	330	118785	109.16	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	585448	70.31	ng		-0.01
79) Terphenyl-d14	12.91	244	564174	69.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	57399	37.216	ng		97
3) Pyridine	3.40	79	129730m	30.731	ng		
4) n-Nitrosodimethylamine	3.35	42	58501	40.381	ng		97
6) Aniline	6.47	93	186323	30.381	ng	#	29
8) 2-Chlorophenol	6.60	128	183577	46.168	ng		97
9) Benzaldehyde	6.36	77	87194	35.595	ng		94
10) Phenol	6.47	94	232179	44.214	ng		85
11) bis(2-Chloroethyl)ether	6.55	93	170446	44.163	ng		98
12) 1,3-Dichlorobenzene	6.75	146	182033	40.797	ng		97
13) 1,4-Dichlorobenzene	6.82	146	191816	42.125	ng		99
14) 1,2-Dichlorobenzene	6.98	146	178144	42.020	ng		99
15) Benzyl Alcohol	6.96	79	164846	45.128	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	169214	44.377	ng	#	47
17) 2-Methylphenol	7.07	107	149782	44.946	ng	#	87
18) Hexachloroethane	7.32	117	72455	41.362	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	133964	46.185	ng		99
20) 3+4-Methylphenols	7.23	107	193684	46.660	ng	#	75
22) Acetophenone	7.22	105	269419	42.520	ng		97
24) Nitrobenzene	7.39	77	200905	42.861	ng		97
25) Isophorone	7.63	82	362112	43.087	ng		98
26) 2-Nitrophenol	7.71	139	97396	48.374	ng		96
27) 2,4-Dimethylphenol	7.75	122	159250	49.877	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	219171	42.328	ng		100
29) 2,4-Dichlorophenol	7.96	162	149559	44.704	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	149812	41.449	ng		98
31) Naphthalene	8.11	128	519686	43.328	ng		99
32) Benzoic acid	7.92	122	91276	39.253	ng		98
33) 4-Chloroaniline	8.16	127	146646	27.566	ng		99
34) Hexachlorobutadiene	8.23	225	83141	40.544	ng		99
35) Caprolactam	8.55	113	51149m	45.169	ng		
36) 4-Chloro-3-methylphenol	8.66	107	166972	42.803	ng		100
37) 2-Methylnaphthalene	8.80	142	359323	44.488	ng		96
38) 1-Methylnaphthalene	8.90	142	334285	44.190	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	137421	40.875	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	82542	57.942	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	94017	41.207	ng		97
44) 2,4,5-Trichlorophenol	9.14	196	101055	41.456	ng		95
46) 1,1'-Biphenyl	9.26	154	422773	41.397	ng		99
47) 2-Chloronaphthalene	9.29	162	329879	40.928	ng		99
48) 2-Nitroaniline	9.39	65	104616	40.467	ng		95
49) Acenaphthylene	9.70	152	513607	42.538	ng		99
50) Dimethylphthalate	9.56	163	371272	40.275	ng		99
51) 2,6-Dinitrotoluene	9.63	165	83459	44.452	ng		91
52) Acenaphthene	9.88	154	296068	41.365	ng		99
53) 3-Nitroaniline	9.80	138	67854	28.644	ng		98
54) 2,4-Dinitrophenol	9.93	184	67871	83.293	ng		91
55) Dibenzofuran	10.05	168	444967	42.136	ng		99
56) 4-Nitrophenol	9.99	139	101515	66.121	ng		95
57) 2,4-Dinitrotoluene	10.05	165	112143	46.014	ng	#	89
58) Fluorene	10.39	166	370286	43.529	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.17	232	78963	42.330	ng		94
60) Diethylphthalate	10.26	149	371622	40.975	ng		97
61) 4-Chlorophenyl-phenylether	10.38	204	158594	43.090	ng		98
62) 4-Nitroaniline	10.43	138	95650	38.827	ng		96
63) Azobenzene	10.54	77	390676	42.176	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	50387	52.504	ng		95
66) n-Nitrosodiphenylamine	10.50	169	321255	44.801	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	89461	42.191	ng		98
68) Hexachlorobenzene	10.95	284	94226	40.628	ng		93
69) Atrazine	11.03	200	80989	45.539	ng		96
70) Pentachlorophenol	11.15	266	88808	81.691	ng		94
71) Phenanthrene	11.36	178	499917	42.390	ng		100
72) Anthracene	11.41	178	528884	43.927	ng		99
73) Carbazole	11.56	167	488331	42.729	ng		99
74) Di-n-butylphthalate	11.88	149	599197	44.067	ng		98
75) Fluoranthene	12.54	202	518789	42.813	ng		99
77) Benzidine	12.66	184	119128	24.492	ng		99
78) Pyrene	12.77	202	528735	41.733	ng		98
80) Butylbenzylphthalate	13.38	149	246625	41.196	ng		97
81) Benzo(a)anthracene	13.96	228	415453	41.182	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	119689	36.818	ng		99
83) Chrysene	14.00	228	407719	41.438	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	336850	43.640	ng		99
85) Di-n-octyl phthalate	14.54	149	526003	43.296	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	268168	37.358	ng		99
88) Benzo(b)fluoranthene	15.01	252	328421	51.159	ng		99
89) Benzo(k)fluoranthene	15.04	252	314812	51.769	ng		98
90) Benzo(a)pyrene	15.37	252	290819	51.625	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	227389	50.670	ng		99
92) Benzo(g,h,i)perylene	17.32	276	219603	49.107	ng		99

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

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