Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115940.D
Acq On : 2 Aug 2019 12:13
Operator : HP/JU
Sample : PB121939BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Manual Integrations APPROVED
mohammad
8/8/2019 4:44:07 PM

Quant Time: Aug 02 17:23:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153097	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	604450	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	330095	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	577770	20.00	ng		0.00
76) Chrysene-d12	14.03	240	421272	20.00	ng		0.00
87) Perylene-d12	15.49	264	342513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1041128	113.84	ng		0.02
7) Phenol-d6	6.49	99	1340514	116.18	ng		0.00
23) Nitrobenzene-d5	7.42	82	852198	81.38	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	384295	120.08	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1479420	83.95	ng		0.00
79) Terphenyl-d14	12.97	244	1705321	85.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	193194	41.816	ng		98
3) Pyridine	3.43	79	359470	27.853	ng		99
4) n-Nitrosodimethylamine	3.37	42	181126	35.563	ng		99
6) Aniline	6.52	93	479199	29.000	ng		95
8) 2-Chlorophenol	6.65	128	407621	40.307	ng		98
9) Benzaldehyde	6.40	77	68004	8.542	ng		98
10) Phenol	6.50	94	516236	37.993	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	391794	39.220	ng		97
12) 1,3-Dichlorobenzene	6.80	146	424469	36.319	ng		100
13) 1,4-Dichlorobenzene	6.87	146	432234	36.936	ng		99
14) 1,2-Dichlorobenzene	7.03	146	404919	37.579	ng		100
15) Benzyl Alcohol	7.00	79	354424	40.476	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	528298	38.771	ng		97
17) 2-Methylphenol	7.11	107	346685	40.486	ng		99
18) Hexachloroethane	7.36	117	156603	36.348	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	280195	39.188	ng		99
20) 3+4-Methylphenols	7.26	107	409654	40.427	ng	#	87
22) Acetophenone	7.26	105	555184	41.880	ng		97
24) Nitrobenzene	7.43	77	454642	40.209	ng		99
25) Isophorone	7.67	82	826218	41.263	ng		99
26) 2-Nitrophenol	7.75	139	225168	42.247	ng		99
27) 2,4-Dimethylphenol	7.79	122	369823	46.120	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	498648	40.179	ng		99
29) 2,4-Dichlorophenol	8.00	162	355191	41.952	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	381166	39.494	ng		98
31) Naphthalene	8.16	128	1166902	41.024	ng		100
32) Benzoic acid	7.94	122	229050	40.515	ng		99
33) 4-Chloroaniline	8.20	127	343994	27.067	ng		99
34) Hexachlorobutadiene	8.27	225	212723	38.266	ng		99
35) Caprolactam	8.59	113	117062m	42.750	ng		
36) 4-Chloro-3-methylphenol	8.70	107	380415	43.190	ng		98
37) 2-Methylnaphthalene	8.85	142	790375	42.192	ng		100
38) 1-Methylnaphthalene	8.95	142	747055	42.154	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	363286	41.167	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	218715	57.043	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	238714	39.300	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	258402	41.154	ng		98
46) 1,1'-Biphenyl	9.32	154	967938	41.534	ng		100
47) 2-Chloronaphthalene	9.35	162	752491	38.796	ng		99
48) 2-Nitroaniline	9.44	65	247912	38.669	ng		91
49) Acenaphthylene	9.76	152	1158185	40.929	ng		100
50) Dimethylphthalate	9.62	163	924516	41.134	ng		100
51) 2,6-Dinitrotoluene	9.68	165	205350	42.042	ng		90
52) Acenaphthene	9.93	154	686447	39.542	ng		100
53) 3-Nitroaniline	9.85	138	176936	29.317	ng		91
54) 2,4-Dinitrophenol	9.97	184	176254	71.832	ng		96
55) Dibenzofuran	10.10	168	1037811	41.108	ng		97
56) 4-Nitrophenol	10.03	139	298532	77.216	ng		99
57) 2,4-Dinitrotoluene	10.09	165	271136	41.693	ng		95
58) Fluorene	10.45	166	813603	41.887	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	235734	44.625	ng		97
60) Diethylphthalate	10.32	149	874172	41.659	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	412024	41.885	ng		99
62) 4-Nitroaniline	10.47	138	233972	37.513	ng		98
63) Azobenzene	10.60	77	906954	42.021	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	124544	40.677	ng		92
66) n-Nitrosodiphenylamine	10.56	169	736036	42.325	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	254017	41.070	ng	#	90
68) Hexachlorobenzene	11.00	284	285218	39.880	ng		93
69) Atrazine	11.09	200	242181	42.331	ng		98
70) Pentachlorophenol	11.20	266	277256	79.849	ng		99
71) Phenanthrene	11.41	178	1231610	41.697	ng		99
72) Anthracene	11.46	178	1259778	42.143	ng		99
73) Carbazole	11.62	167	1165201	42.965	ng		100
74) Di-n-butylphthalate	11.94	149	1399783	44.246	ng		100
75) Fluoranthene	12.60	202	1316232	42.566	ng		98
77) Benzidine	12.72	184	371190	26.081	ng		97
78) Pyrene	12.83	202	1324606	41.712	ng		99
80) Butylbenzylphthalate	13.44	149	610552	45.452	ng		99
81) Benzo(a)anthracene	14.02	228	1101337	40.902	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	341662	36.523	ng		98
83) Chrysene	14.06	228	1095932	41.924	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	820243	46.989	ng		100
85) Di-n-octyl phthalate	14.61	149	1313744	47.382	ng		100
86) Indeno(1,2,3-cd)pyrene	16.98	276	907960	41.354	ng		99
88) Benzo(b)fluoranthene	15.07	252	955227	48.233	ng		97
89) Benzo(k)fluoranthene	15.10	252	952144	49.360	ng		99
90) Benzo(a)pyrene	15.44	252	891037	50.330	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	780169	50.910	ng		99
92) Benzo(g,h,i)perylene	17.43	276	759959	50.495	ng		98

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

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