Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116768.D
Acq On : 3 Sep 2019 13:18
Operator : HP/JU
Sample : PB122729BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122729BS

Manual Integrations APPROVED
mohammad
9/6/2019 8:18:04 AM

Quant Time: Sep 03 14:46:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153217	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	651426	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	343396	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	555559	20.00	ng		0.00
76) Chrysene-d12	14.00	240	373725	20.00	ng		0.00
87) Perylene-d12	15.45	264	325168	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1046113	110.61	ng		0.02
7) Phenol-d6	6.49	99	1365077	109.92	ng		0.00
23) Nitrobenzene-d5	7.41	82	795321	69.70	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	288300	125.58	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1375432	67.57	ng		0.00
79) Terphenyl-d14	12.95	244	1289623	63.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	189048	43.302	ng		98
3) Pyridine	3.45	79	452944	35.832	ng		93
4) n-Nitrosodimethylamine	3.39	42	171975	39.619	ng	#	74
6) Aniline	6.51	93	556269	32.340	ng		97
8) 2-Chlorophenol	6.64	128	470542	45.577	ng		99
9) Benzaldehyde	6.39	77	319432	39.043	ng		99
10) Phenol	6.50	94	594904	43.261	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	457649	42.741	ng		99
12) 1,3-Dichlorobenzene	6.79	146	480136	41.148	ng		97
13) 1,4-Dichlorobenzene	6.87	146	488180	42.023	ng		99
14) 1,2-Dichlorobenzene	7.02	146	450613	41.857	ng		97
15) Benzyl Alcohol	6.99	79	436607	43.311	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	516859	41.142	ng		100
17) 2-Methylphenol	7.10	107	402079	44.489	ng		96
18) Hexachloroethane	7.36	117	183270	40.606	ng		89
19) n-Nitroso-di-n-propylamine	7.26	70	336752	41.183	ng		92
20) 3+4-Methylphenols	7.26	107	473926	45.100	ng	#	80
22) Acetophenone	7.26	105	652726	41.620	ng	#	97
24) Nitrobenzene	7.43	77	516942	44.543	ng		93
25) Isophorone	7.67	82	959090	41.478	ng		99
26) 2-Nitrophenol	7.75	139	244183	56.593	ng		92
27) 2,4-Dimethylphenol	7.79	122	427875	49.102	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	592825	41.955	ng		100
29) 2,4-Dichlorophenol	7.99	162	388749	46.421	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	379163	41.744	ng		98
31) Naphthalene	8.15	128	1345908	43.450	ng		99
32) Benzoic acid	7.91	122	280888	57.088	ng		91
33) 4-Chloroaniline	8.20	127	329507	23.369	ng		95
34) Hexachlorobutadiene	8.27	225	198062	39.992	ng		98
35) Caprolactam	8.57	113	132804m	42.375	ng		
36) 4-Chloro-3-methylphenol	8.68	107	436838	45.386	ng		95
37) 2-Methylnaphthalene	8.85	142	918748	44.578	ng		97
38) 1-Methylnaphthalene	8.95	142	846514	43.510	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	337128	40.954	ng	#	98

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Quant Time: Sep 03 14:46:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	358389	75.393	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	260790	46.216	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	275451	47.019	ng		97
46) 1,1'-Biphenyl	9.31	154	1061589	40.741	ng		97
47) 2-Chloronaphthalene	9.33	162	843964	40.893	ng		99
48) 2-Nitroaniline	9.42	65	270718	45.372	ng		97
49) Acenaphthylene	9.75	152	1326076	42.506	ng		100
50) Dimethylphthalate	9.61	163	985237	41.557	ng		98
51) 2,6-Dinitrotoluene	9.66	165	225091	49.762	ng		97
52) Acenaphthene	9.92	154	860928	44.913	ng		98
53) 3-Nitroaniline	9.83	138	187598	33.094	ng		97
54) 2,4-Dinitrophenol	9.94	184	170669	103.360	ng		89
55) Dibenzofuran	10.09	168	1151210	42.602	ng		99
56) 4-Nitrophenol	10.00	139	382708	98.462	ng		85
57) 2,4-Dinitrotoluene	10.07	165	303600	54.892	ng		98
58) Fluorene	10.43	166	883647	42.916	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	212640	50.293	ng		98
60) Diethylphthalate	10.30	149	979857	41.260	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	382942	42.472	ng		94
62) 4-Nitroaniline	10.45	138	255544	46.452	ng		90
63) Azobenzene	10.59	77	1021128	41.236	ng		91
65) 4,6-Dinitro-2-methylphenol	10.48	198	125891	59.428	ng		89
66) n-Nitrosodiphenylamine	10.55	169	808738	42.081	ng		97
67) 4-Bromophenyl-phenylether	10.92	248	235199	41.674	ng		90
68) Hexachlorobenzene	10.99	284	243057	41.163	ng		96
69) Atrazine	11.07	200	229077	42.558	ng		98
70) Pentachlorophenol	11.17	266	284057	99.445	ng		98
71) Phenanthrene	11.39	178	1279265	41.365	ng		98
72) Anthracene	11.45	178	1302654	41.844	ng		99
73) Carbazole	11.60	167	1235843	41.675	ng		100
74) Di-n-butylphthalate	11.93	149	1549647	40.763	ng		99
75) Fluoranthene	12.58	202	1289774	42.437	ng		99
77) Benzidine	12.69	184	461223	31.465	ng		99
78) Pyrene	12.80	202	1296087	39.013	ng		98
80) Butylbenzylphthalate	13.42	149	648240	40.125	ng		98
81) Benzo(a)anthracene	13.99	228	977244	41.316	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	271366	33.949	ng		97
83) Chrysene	14.03	228	988907	40.582	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	847467	42.495	ng		98
85) Di-n-octyl phthalate	14.59	149	1445213	44.283	ng		96
86) Indeno(1,2,3-cd)pyrene	16.90	276	767720	39.223	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	919911	46.793	ng		99
89) Benzo(k)fluoranthene	15.06	252	789569	44.049	ng		99
90) Benzo(a)pyrene	15.39	252	807994	47.241	ng		97
91) Dibenzo(a,h)anthracene	16.92	278	627591	41.920	ng	#	93
92) Benzo(g,h,i)perylene	17.34	276	631368	41.351	ng	#	94

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

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