Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109173.D
Acq On : 20 Sep 2018 4:38
Operator : JU/SJ
Sample : PB112951BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112951BS

Manual Integrations APPROVED
Sohil
9/20/2018 10:06:53 AM

Quant Time: Sep 20 08:36:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137763	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	505466	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	222290	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	373557	20.00	ng		0.00
75) Chrysene-d12	13.85	240	304287	20.00	ng		0.00
86) Perylene-d12	15.25	264	307539	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	715097	86.21	ng		0.02
7) Phenol-d6	6.36	99	908672	84.96	ng		0.00
23) Nitrobenzene-d5	7.28	82	822231	91.24	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	178172	73.86	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1404672	99.00	ng		0.00
78) Terphenyl-d14	12.81	244	1197366	93.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	135458	34.308	ng		93
3) Pyridine	3.18	79	382116	36.508	ng		89
4) n-Nitrosodimethylamine	3.12	42	181563	45.930	ng	#	99
6) Aniline	6.38	93	228501	16.529	ng	#	88
8) 2-Chlorophenol	6.51	128	368559	39.705	ng		98
9) Benzaldehyde	6.26	77	149263	21.851	ng		97
10) Phenol	6.38	94	440634	36.614	ng		84
11) bis(2-Chloroethyl)ether	6.46	93	363586	38.403	ng		97
12) 1,3-Dichlorobenzene	6.67	146	409760	38.600	ng		99
13) 1,4-Dichlorobenzene	6.74	146	412591	38.743	ng		99
14) 1,2-Dichlorobenzene	6.90	146	379300	38.418	ng		98
15) Benzyl Alcohol	6.87	79	325882	40.134	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	509998	37.596	ng		93
17) 2-Methylphenol	6.98	107	297199	39.244	ng		97
18) Hexachloroethane	7.24	117	144632	37.394	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	267943	37.900	ng		97
20) 3+4-Methylphenols	7.14	107	355864	39.017	ng	#	71
22) Acetophenone	7.13	105	507504	44.211	ng	#	93
24) Nitrobenzene	7.30	77	389489	41.919	ng		96
25) Isophorone	7.54	82	724519	46.769	ng		97
26) 2-Nitrophenol	7.62	139	130883	30.167	ng		98
27) 2,4-Dimethylphenol	7.67	122	320779	47.134	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	455499	43.694	ng		98
29) 2,4-Dichlorophenol	7.87	162	283539	39.096	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	319711	40.782	ng		98
31) Naphthalene	8.02	128	1038525	44.267	ng		99
32) Benzoic acid	7.75	122	85617m	19.253	ng		
33) 4-Chloroaniline	8.07	127	90590	8.685	ng		96
34) Hexachlorobutadiene	8.15	225	198621	41.500	ng		99
35) Caprolactam	8.45	113	85395m	36.116	ng		
36) 4-Chloro-3-methylphenol	8.56	107	290658	38.072	ng		97
37) 2-Methylnaphthalene	8.72	142	675222	44.152	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	302389	43.221	ng		98
40) Hexachlorocyclopentadiene	8.88	237	158974	45.099	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	187931	39.963	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	192995	39.273	ng		97
45) 1,1'-Biphenyl	9.18	154	782520	44.001	ng		100
46) 2-Chloronaphthalene	9.20	162	607283	42.639	ng		99
47) 2-Nitroaniline	9.30	65	186325	42.554	ng		95
48) Acenaphthylene	9.61	152	957786	44.603	ng		100
49) Dimethylphthalate	9.48	163	723545	45.541	ng	#	99
50) 2,6-Dinitrotoluene	9.54	165	137379	38.990	ng		97
51) Acenaphthene	9.79	154	550668	41.182	ng		100
52) 3-Nitroaniline	9.70	138	134563	32.434	ng		94
53) 2,4-Dinitrophenol	9.81	184	17393	12.809	ng	#	23
54) Dibenzofuran	9.96	168	805542	41.689	ng		99
55) 4-Nitrophenol	9.87	139	157407	51.494	ng		94
56) 2,4-Dinitrotoluene	9.94	165	166576	36.150	ng		96
57) Fluorene	10.30	166	581429	45.153	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	142610	35.047	ng	#	87
59) Diethylphthalate	10.18	149	701936	43.751	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	285009	41.335	ng		94
61) 4-Nitroaniline	10.31	138	142834	36.236	ng		99
62) Azobenzene	10.45	77	655736	39.928	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	18729	10.479	ng		91
65) n-Nitrosodiphenylamine	10.41	169	561872	45.982	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	186666	44.324	ng		93
67) Hexachlorobenzene	10.85	284	194378	43.151	ng	#	91
68) Atrazine	10.94	200	179751	45.953	ng		98
69) Pentachlorophenol	11.04	266	133588	46.352	ng		99
70) Phenanthrene	11.25	178	830307	45.343	ng		99
71) Anthracene	11.31	178	849554	45.767	ng		99
72) Carbazole	11.46	167	741505	40.353	ng		99
73) Di-n-butylphthalate	11.80	149	963210	44.780	ng		98
74) Fluoranthene	12.44	202	849861	43.962	ng		97
76) Benzidine	12.55	184	243695	22.624	ng		98
77) Pyrene	12.66	202	855554	37.853	ng		99
79) Butylbenzylphthalate	13.28	149	386619	38.298	ng		95
80) Benzo(a)anthracene	13.84	228	813562	44.161	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	132163	17.778	ng		98
82) Chrysene	13.88	228	790145	42.869	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	501523	41.031	ng		99
84) Di-n-octyl phthalate	14.46	149	975873	47.075	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	654604	44.422	ng	#	93
87) Benzo(b)fluoranthene	14.87	252	827460	48.635	ng		97
88) Benzo(k)fluoranthene	14.89	252	698068	43.929	ng		98
89) Benzo(a)pyrene	15.20	252	697422	46.158	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	545521	42.975	ng	#	95
91) Benzo(g,h,i)perylene	17.02	276	530673	41.815	ng	#	91

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

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