Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117186.D
Acq On : 20 Sep 2019 15:37
Operator : HP/JU
Sample : PB123244BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:29 AM

Quant Time: Sep 21 00:48:59 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	6.82	152	40343	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	163659	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	88078	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	142672	20.00	ng		0.01
76) Chrysene-d12	13.99	240	94859	20.00	ng		0.01
87) Perylene-d12	15.44	264	76126	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	222978	86.29	ng		0.02
7) Phenol-d6	6.46	99	304247	91.11	ng		0.00
23) Nitrobenzene-d5	7.39	82	280735	90.13	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	76993	104.59	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	558627	99.17	ng		0.00
79) Terphenyl-d14	12.93	244	548876	108.16	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	30597	28.297	ng		97
3) Pyridine	3.41	79	73894	24.968	ng		99
4) n-Nitrosodimethylamine	3.36	42	44090	43.411	ng	#	73
6) Aniline	6.49	93	126248	29.363	ng		91
8) 2-Chlorophenol	6.61	128	119834	42.987	ng		98
9) Benzaldehyde	6.37	77	86412	55.427	ng		93
10) Phenol	6.48	94	151060	41.032	ng		84
11) bis(2-Chloroethyl)ether	6.56	93	112231	41.478	ng		100
12) 1,3-Dichlorobenzene	6.76	146	120879	38.643	ng		99
13) 1,4-Dichlorobenzene	6.84	146	125351	39.267	ng		98
14) 1,2-Dichlorobenzene	6.99	146	120163	40.430	ng		99
15) Benzyl Alcohol	6.97	79	117124	45.736	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	101842	38.097	ng		69
17) 2-Methylphenol	7.08	107	100380	42.965	ng	#	91
18) Hexachloroethane	7.33	117	50306	40.963	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	92003	45.244	ng		94
20) 3+4-Methylphenols	7.23	107	132633	45.577	ng		91
22) Acetophenone	7.23	105	183434	44.115	ng		94
24) Nitrobenzene	7.40	77	138384	44.989	ng		97
25) Isophorone	7.65	82	252335	45.754	ng		98
26) 2-Nitrophenol	7.72	139	59931	45.360	ng	#	89
27) 2,4-Dimethylphenol	7.76	122	108419	51.746	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	147735	43.479	ng		97
29) 2,4-Dichlorophenol	7.96	162	101755	46.349	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	101586	42.830	ng		99
31) Naphthalene	8.12	128	349849	44.448	ng		99
32) Benzoic acid	7.92	122	57312	37.843	ng		92
33) 4-Chloroaniline	8.17	127	58551	16.772	ng		99
34) Hexachlorobutadiene	8.25	225	60164	44.709	ng		96
35) Caprolactam	8.56	113	27297m	36.734	ng		
36) 4-Chloro-3-methylphenol	8.67	107	121791	47.577	ng		96
37) 2-Methylnaphthalene	8.82	142	243966	46.029	ng		99
38) 1-Methylnaphthalene	8.92	142	225743	45.475	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	98486	43.302	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	109795	106.346	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	66861	43.318	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	76650	46.481	ng		97
46) 1,1'-Biphenyl	9.28	154	298163	43.157	ng		99
47) 2-Chloronaphthalene	9.30	162	228674	41.939	ng		98
48) 2-Nitroaniline	9.40	65	70912	40.546	ng		91
49) Acenaphthylene	9.72	152	363251	44.471	ng		100
50) Dimethylphthalate	9.58	163	279584	44.831	ng		99
51) 2,6-Dinitrotoluene	9.65	165	58985	46.440	ng	#	73
52) Acenaphthene	9.89	154	209959	43.362	ng		99
53) 3-Nitroaniline	9.82	138	31784	19.834	ng		93
54) 2,4-Dinitrophenol	9.93	184	43634	79.611	ng		90
55) Dibenzofuran	10.06	168	329624	46.140	ng		97
56) 4-Nitrophenol	9.99	139	75866	73.045	ng		85
57) 2,4-Dinitrotoluene	10.06	165	78356	47.525	ng	#	85
58) Fluorene	10.41	166	269480	46.827	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	57397	45.483	ng	#	95
60) Diethylphthalate	10.28	149	294085	47.932	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	123395	49.559	ng		96
62) 4-Nitroaniline	10.44	138	61785	37.073	ng	#	84
63) Azobenzene	10.56	77	296306	47.285	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	32272	49.407	ng		80
66) n-Nitrosodiphenylamine	10.52	169	235232	47.741	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	71185	48.856	ng		96
68) Hexachlorobenzene	10.96	284	72916	45.755	ng		97
69) Atrazine	11.05	200	65635	57.813	ng		98
70) Pentachlorophenol	11.16	266	71175	95.280	ng		99
71) Phenanthrene	11.37	178	363395	44.843	ng		99
72) Anthracene	11.42	178	385193	46.559	ng		99
73) Carbazole	11.57	167	333080	42.414	ng		99
74) Di-n-butylphthalate	11.90	149	477875	51.146	ng		99
75) Fluoranthene	12.56	202	366963	44.071	ng		97
77) Benzidine	12.67	184	199532	65.299	ng		98
78) Pyrene	12.79	202	362720	45.571	ng		99
80) Butylbenzylphthalate	13.39	149	184804	49.138	ng		95
81) Benzo(a)anthracene	13.97	228	278395	43.927	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	44902	21.986	ng		98
83) Chrysene	14.02	228	266716	43.149	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	273065	56.312	ng		98
85) Di-n-octyl phthalate	14.57	149	420507	55.096	ng		100
86) Indeno(1,2,3-cd)pyrene	16.90	276	191216	42.402	ng		97
88) Benzo(b)fluoranthene	15.02	252	203208	44.068	ng		98
89) Benzo(k)fluoranthene	15.05	252	217536	49.801	ng		99
90) Benzo(a)pyrene	15.39	252	189323	46.788	ng		98
91) Dibenzo(a,h)anthracene	16.91	278	161896	50.223	ng		98
92) Benzo(g,h,i)perylene	17.33	276	152250	47.397	ng		94

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

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