Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117189.D
Acq On : 20 Sep 2019 16:57
Operator : HP/JU
Sample : PB123274BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB123274BS

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:35 AM

Quant Time: Sep 21 00:56:05 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	44738	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	185394	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	99628	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	157821	20.00	ng		0.01
76) Chrysene-d12	13.99	240	103658	20.00	ng		0.01
87) Perylene-d12	15.43	264	81367	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	357102	124.62	ng		0.02
7) Phenol-d6	6.47	99	480329	129.70	ng		0.02
23) Nitrobenzene-d5	7.39	82	302132	85.63	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	124279	149.26	ng		0.01
45) 2-Fluorobiphenyl	9.18	172	603677	94.74	ng		0.00
79) Terphenyl-d14	12.93	244	576565	103.97	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	32080	26.754	ng		97
3) Pyridine	3.45	79	82215	25.050	ng		92
4) n-Nitrosodimethylamine	3.37	42	48506	43.067	ng	#	79
6) Aniline	6.49	93	151827	31.843	ng		96
8) 2-Chlorophenol	6.62	128	130994	42.375	ng		96
9) Benzaldehyde	6.37	77	92869	53.336	ng		96
10) Phenol	6.49	94	170429	41.746	ng		87
11) bis(2-Chloroethyl)ether	6.56	93	118222	39.400	ng		97
12) 1,3-Dichlorobenzene	6.76	146	131481	37.903	ng		99
13) 1,4-Dichlorobenzene	6.84	146	135847	38.374	ng		98
14) 1,2-Dichlorobenzene	6.99	146	130538	39.606	ng		99
15) Benzyl Alcohol	6.97	79	124302	43.770	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	110630	37.319	ng		84
17) 2-Methylphenol	7.08	107	108684	41.950	ng		94
18) Hexachloroethane	7.33	117	54533	40.043	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	100797	44.699	ng		97
20) 3+4-Methylphenols	7.24	107	141501	43.847	ng	#	80
22) Acetophenone	7.23	105	198476	42.137	ng	#	93
24) Nitrobenzene	7.41	77	147477	42.324	ng		96
25) Isophorone	7.65	82	271272	43.421	ng		98
26) 2-Nitrophenol	7.72	139	67728	45.251	ng	#	93
27) 2,4-Dimethylphenol	7.76	122	114718	48.333	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	156933	40.771	ng		98
29) 2,4-Dichlorophenol	7.97	162	109157	43.892	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	109472	40.744	ng		99
31) Naphthalene	8.13	128	375116	42.071	ng		98
32) Benzoic acid	7.93	122	64413	37.598	ng		97
33) 4-Chloroaniline	8.17	127	70015	17.704	ng		98
34) Hexachlorobutadiene	8.24	225	65451	42.936	ng		99
35) Caprolactam	8.57	113	27817m	33.045	ng		
36) 4-Chloro-3-methylphenol	8.67	107	129367	44.612	ng		97
37) 2-Methylnaphthalene	8.82	142	265656	44.245	ng		98
38) 1-Methylnaphthalene	8.92	142	243316	43.269	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	110321	42.882	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	116668	100.378	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	72526	41.541	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	76986	41.272	ng		97
46) 1,1'-Biphenyl	9.28	154	327619	41.923	ng		97
47) 2-Chloronaphthalene	9.31	162	253462	41.096	ng		96
48) 2-Nitroaniline	9.40	65	76440	38.640	ng		95
49) Acenaphthylene	9.72	152	390846	42.302	ng		99
50) Dimethylphthalate	9.58	163	303284	42.994	ng		99
51) 2,6-Dinitrotoluene	9.65	165	64586	44.954	ng		96
52) Acenaphthene	9.89	154	227487	41.535	ng		100
53) 3-Nitroaniline	9.82	138	37366	20.614	ng		100
54) 2,4-Dinitrophenol	9.93	184	47402	76.822	ng		87
55) Dibenzofuran	10.06	168	355676	44.015	ng		96
56) 4-Nitrophenol	10.00	139	79802	67.927	ng		84
57) 2,4-Dinitrotoluene	10.06	165	84875	45.511	ng	#	77
58) Fluorene	10.41	166	290802	44.674	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	60687	42.515	ng		94
60) Diethylphthalate	10.28	149	319550	46.044	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	131596	46.725	ng		99
62) 4-Nitroaniline	10.44	138	66724	35.395	ng	#	79
63) Azobenzene	10.56	77	314143	44.320	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	35083	48.674	ng		79
66) n-Nitrosodiphenylamine	10.52	169	255287	46.837	ng		100
67) 4-Bromophenyl-phenylether	10.89	248	77317	47.971	ng		99
68) Hexachlorobenzene	10.96	284	78890	44.751	ng		97
69) Atrazine	11.04	200	70712	55.535	ng		96
70) Pentachlorophenol	11.16	266	75432	91.286	ng		96
71) Phenanthrene	11.37	178	398604	44.466	ng		99
72) Anthracene	11.42	178	410669	44.873	ng		99
73) Carbazole	11.57	167	361797	41.649	ng		99
74) Di-n-butylphthalate	11.90	149	514995	49.828	ng		99
75) Fluoranthene	12.56	202	390881	42.438	ng		98
77) Benzidine	12.67	184	207170	62.044	ng		99
78) Pyrene	12.79	202	387683	44.573	ng		99
80) Butylbenzylphthalate	13.39	149	199820	48.620	ng		96
81) Benzo(a)anthracene	13.97	228	295326	42.643	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	53817	24.115	ng		98
83) Chrysene	14.01	228	279832	41.428	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	298105	56.257	ng		97
85) Di-n-octyl phthalate	14.56	149	457834	54.894	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	199813	40.547	ng		98
88) Benzo(b)fluoranthene	15.02	252	221629	44.967	ng		99
89) Benzo(k)fluoranthene	15.04	252	225449	48.288	ng		98
90) Benzo(a)pyrene	15.37	252	204830	47.359	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	169956	49.328	ng		98
92) Benzo(g,h,i)perylene	17.32	276	154664	45.047	ng		98

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

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