Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117259.D
Acq On : 26 Sep 2019 00:44
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 26 04:13:09 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	38082	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	147888	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	66717	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	95035	20.00	ng		0.00
76) Chrysene-d12	13.98	240	75262	20.00	ng		0.00
87) Perylene-d12	15.43	264	62192	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	190667	78.17	ng		0.00
7) Phenol-d6	6.46	99	240303	76.23	ng		0.00
23) Nitrobenzene-d5	7.38	82	230372	81.85	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	39389	70.64	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	382887	89.73	ng		0.00
79) Terphenyl-d14	12.92	244	313826	77.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	36157	35.425	ng		97
3) Pyridine	3.28	79	98945	35.417	ng		97
4) n-Nitrosodimethylamine	3.22	42	38804	40.474	ng		89
6) Aniline	6.48	93	150101	36.983	ng	#	82
8) 2-Chlorophenol	6.61	128	103383	39.288	ng		95
9) Benzaldehyde	6.37	77	69238	45.180	ng		98
10) Phenol	6.47	94	131400	37.811	ng		81
11) bis(2-Chloroethyl)ether	6.55	93	95510	37.394	ng		98
12) 1,3-Dichlorobenzene	6.76	146	117424	39.767	ng		99
13) 1,4-Dichlorobenzene	6.83	146	120194	39.887	ng		99
14) 1,2-Dichlorobenzene	6.99	146	111255	39.655	ng		98
15) Benzyl Alcohol	6.96	79	92038	38.074	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	93138	36.909	ng		75
17) 2-Methylphenol	7.08	107	83717	37.961	ng		93
18) Hexachloroethane	7.33	117	39687	34.235	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	73629	38.358	ng		95
20) 3+4-Methylphenols	7.23	107	105414	38.374	ng	#	78
22) Acetophenone	7.23	105	153544	40.865	ng		99
24) Nitrobenzene	7.40	77	111986	40.289	ng		99
25) Isophorone	7.64	82	194864	39.101	ng		100
26) 2-Nitrophenol	7.72	139	45212	37.869	ng		95
27) 2,4-Dimethylphenol	7.76	122	71261	37.638	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	121917	39.707	ng		100
29) 2,4-Dichlorophenol	7.96	162	73874	37.238	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	83776	39.088	ng		99
31) Naphthalene	8.12	128	278107	39.101	ng		99
32) Benzoic acid	7.89	122	26384	22.514	ng		94
33) 4-Chloroaniline	8.17	127	112424	35.638	ng		97
34) Hexachlorobutadiene	8.24	225	50904	41.862	ng		94
35) Caprolactam	8.55	113	21882	32.587	ng	#	88
36) 4-Chloro-3-methylphenol	8.66	107	78523	33.946	ng		96
37) 2-Methylnaphthalene	8.81	142	176854	36.925	ng		99
38) 1-Methylnaphthalene	8.91	142	164083	36.579	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	71422	41.457	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	3334	11.796	ng		93
43) 2,4,6-Trichlorophenol	9.09	196	45346	38.785	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	44252	35.426	ng		96
46) 1,1'-Biphenyl	9.27	154	214121	40.915	ng		98
47) 2-Chloronaphthalene	9.30	162	165985	40.188	ng		98
48) 2-Nitroaniline	9.40	65	51852	39.141	ng		93
49) Acenaphthylene	9.71	152	231985	37.494	ng		99
50) Dimethylphthalate	9.57	163	185042	39.172	ng		99
51) 2,6-Dinitrotoluene	9.64	165	36409	37.843	ng		98
52) Acenaphthene	9.89	154	140882	38.412	ng		99
53) 3-Nitroaniline	9.81	138	41594	34.265	ng		94
54) 2,4-Dinitrophenol	9.95	184	995	11.287	ng	#	49
55) Dibenzofuran	10.06	168	200536	37.058	ng		98
56) 4-Nitrophenol	9.99	139	22473	28.565	ng		93
57) 2,4-Dinitrotoluene	10.05	165	45004	36.036	ng	#	87
58) Fluorene	10.40	166	164189	37.666	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	32144	33.627	ng		99
60) Diethylphthalate	10.27	149	180815	38.906	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	77321	40.997	ng		97
62) 4-Nitroaniline	10.42	138	41979	33.254	ng		93
63) Azobenzene	10.55	77	176277	37.137	ng		96
65) 4,6-Dinitro-2-methylphenol	10.46	198	3251	13.330	ng	#	71
66) n-Nitrosodiphenylamine	10.50	169	137874	42.008	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	41077	42.324	ng		96
68) Hexachlorobenzene	10.95	284	43725	41.190	ng		95
69) Atrazine	11.03	200	30475	35.174	ng		94
70) Pentachlorophenol	11.15	266	20729	41.659	ng		95
71) Phenanthrene	11.36	178	211833	39.243	ng		98
72) Anthracene	11.42	178	220211	39.959	ng		99
73) Carbazole	11.57	167	197580	37.771	ng		97
74) Di-n-butylphthalate	11.89	149	273690	43.975	ng		97
75) Fluoranthene	12.55	202	213572	38.507	ng		98
77) Benzidine	12.67	184	76535	31.569	ng		100
78) Pyrene	12.78	202	218870	34.659	ng		99
80) Butylbenzylphthalate	13.39	149	113014	37.874	ng		96
81) Benzo(a)anthracene	13.97	228	188461	37.480	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	62674	38.679	ng		97
83) Chrysene	14.00	228	192105	39.171	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	163770	42.567	ng		98
85) Di-n-octyl phthalate	14.56	149	273527	45.170	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	119888	33.507	ng		98
88) Benzo(b)fluoranthene	15.01	252	152831	40.569	ng		98
89) Benzo(k)fluoranthene	15.04	252	140643	39.412	ng		99
90) Benzo(a)pyrene	15.37	252	128640	38.914	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	98272	37.316	ng		99
92) Benzo(g,h,i)perylene	17.32	276	91921	35.028	ng	#	93

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

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