Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
Data File : BF116895.D
Acq On : 9 Sep 2019 14:19
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 09 14:48:32 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	6.84	152	83116	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	345806	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	177045	20.00	ng		-0.02
64) Phenanthrene-d10	11.35	188	282182	20.00	ng		-0.02
76) Chrysene-d12	13.99	240	175557	20.00	ng		-0.01
87) Perylene-d12	15.44	264	149676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	443203	86.39	ng		0.00
7) Phenol-d6	6.47	99	575186	85.38	ng		0.00
23) Nitrobenzene-d5	7.40	82	547473	90.38	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	124833	105.47	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	956507	91.14	ng		-0.02
79) Terphenyl-d14	12.93	244	858344	90.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	91016	38.430	ng		96
3) Pyridine	3.33	79	261446	38.127	ng		92
4) n-Nitrosodimethylamine	3.27	42	86493	36.732	ng		90
6) Aniline	6.50	93	376374	40.337	ng		98
8) 2-Chlorophenol	6.63	128	243253	43.434	ng		100
9) Benzaldehyde	6.39	77	165269	37.237	ng		96
10) Phenol	6.49	94	315151	42.246	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	234257	40.329	ng		97
12) 1,3-Dichlorobenzene	6.78	146	271855	42.948	ng		96
13) 1,4-Dichlorobenzene	6.86	146	277549	44.042	ng		99
14) 1,2-Dichlorobenzene	7.01	146	257699	44.126	ng		96
15) Benzyl Alcohol	6.98	79	224682	41.087	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	241762	35.475	ng		89
17) 2-Methylphenol	7.09	107	202402	41.283	ng		96
18) Hexachloroethane	7.35	117	107360	43.849	ng		90
19) n-Nitroso-di-n-propylamine	7.25	70	180393	40.668	ng		92
20) 3+4-Methylphenols	7.25	107	255977	44.904	ng	#	76
22) Acetophenone	7.25	105	366618	44.036	ng		99
24) Nitrobenzene	7.42	77	273024	44.317	ng		94
25) Isophorone	7.66	82	489719	39.897	ng		99
26) 2-Nitrophenol	7.73	139	118325	51.660	ng		98
27) 2,4-Dimethylphenol	7.77	122	186545	40.327	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	309149	41.215	ng		99
29) 2,4-Dichlorophenol	7.98	162	196422	44.185	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	211234	43.809	ng		97
31) Naphthalene	8.15	128	706134	42.943	ng		100
32) Benzoic acid	7.90	122	115709	44.301	ng		97
33) 4-Chloroaniline	8.19	127	314045	41.956	ng		98
34) Hexachlorobutadiene	8.26	225	121103	46.063	ng		98
35) Caprolactam	8.56	113	64171	38.571	ng		95
36) 4-Chloro-3-methylphenol	8.67	107	229516	44.921	ng		99
37) 2-Methylnaphthalene	8.83	142	478317	43.719	ng		96
38) 1-Methylnaphthalene	8.93	142	441894	42.786	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	191350	45.086	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	91309	37.256	ng		97
43) 2,4,6-Trichlorophenol	9.11	196	134217	46.134	ng		96
44) 2,4,5-Trichlorophenol	9.15	196	137322	45.465	ng		95
46) 1,1'-Biphenyl	9.29	154	581482	43.283	ng		98
47) 2-Chloronaphthalene	9.32	162	458609	43.100	ng		99
48) 2-Nitroaniline	9.42	65	144594	47.004	ng		95
49) Acenaphthylene	9.73	152	679627	42.253	ng		99
50) Dimethylphthalate	9.59	163	526788	43.098	ng		98
51) 2,6-Dinitrotoluene	9.65	165	106698	45.752	ng		95
52) Acenaphthene	9.90	154	423518	42.854	ng		99
53) 3-Nitroaniline	9.82	138	129744	44.394	ng	#	87
54) 2,4-Dinitrophenol	9.93	184	34390	45.903	ng		94
55) Dibenzofuran	10.07	168	604595	43.396	ng		97
56) 4-Nitrophenol	9.99	139	84863	42.348	ng		92
57) 2,4-Dinitrotoluene	10.06	165	141445	49.602	ng		98
58) Fluorene	10.42	166	478352	45.061	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	108755	49.891	ng		96
60) Diethylphthalate	10.29	149	520193	42.486	ng		98
61) 4-Chlorophenyl-phenylether	10.41	204	214145	46.067	ng		97
62) 4-Nitroaniline	10.43	138	132694	46.785	ng		96
63) Azobenzene	10.57	77	523019	40.967	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	47445	46.017	ng		81
66) n-Nitrosodiphenylamine	10.53	169	415946	42.610	ng		97
67) 4-Bromophenyl-phenylether	10.90	248	123894	43.220	ng		97
68) Hexachlorobenzene	10.97	284	133536	44.524	ng		93
69) Atrazine	11.05	200	112420	41.120	ng		98
70) Pentachlorophenol	11.16	266	63636	43.861	ng		93
71) Phenanthrene	11.38	178	671185	42.729	ng		100
72) Anthracene	11.43	178	676277	42.769	ng		100
73) Carbazole	11.59	167	625266	41.512	ng		99
74) Di-n-butylphthalate	11.91	149	802061	41.537	ng		100
75) Fluoranthene	12.56	202	654693	42.410	ng		97
77) Benzidine	12.68	184	275141	39.958	ng		98
78) Pyrene	12.79	202	661443	42.384	ng		98
80) Butylbenzylphthalate	13.40	149	311382	41.030	ng		97
81) Benzo(a)anthracene	13.97	228	494788	44.532	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	154927	41.260	ng		98
83) Chrysene	14.02	228	479232	41.865	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	395026	42.167	ng		99
85) Di-n-octyl phthalate	14.57	149	598511	39.040	ng		95
86) Indeno(1,2,3-cd)pyrene	16.89	276	362787	39.457	ng		97
88) Benzo(b)fluoranthene	15.02	252	397217	43.895	ng		99
89) Benzo(k)fluoranthene	15.04	252	350332	42.460	ng		99
90) Benzo(a)pyrene	15.38	252	335076	42.561	ng		97
91) Dibenzo(a,h)anthracene	16.90	278	296440	43.017	ng		99
92) Benzo(g,h,i)perylene	17.33	276	297840	42.378	ng		98

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

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