Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112456.D
Acq On : 8 Feb 2019 13:37
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 09 04:55:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	123862	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	479010	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	241224	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	482440	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	394591	20.00	ng		0.00
87) Perylene-d12	15.47	264	313204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	565924	97.05	ng		-0.01
7) Phenol-d6	6.49	99	698200	86.17	ng		0.00
23) Nitrobenzene-d5	7.40	82	662257	79.66	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	231617	82.49	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1309228	76.76	ng		-0.01
79) Terphenyl-d14	12.94	244	1553098	74.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	120404	51.832	ng		95
3) Pyridine	3.35	79	284576	48.159	ng		99
4) n-Nitrosodimethylamine	3.29	42	121457	48.923	ng		93
6) Aniline	6.50	93	415669	43.123	ng	#	67
8) 2-Chlorophenol	6.63	128	325549	41.499	ng		97
9) Benzaldehyde	6.39	77	170828	40.335	ng		98
10) Phenol	6.50	94	378840	42.615	ng		86
11) bis(2-Chloroethyl)ether	6.57	93	283905	40.564	ng		98
12) 1,3-Dichlorobenzene	6.77	146	371666	40.682	ng		99
13) 1,4-Dichlorobenzene	6.85	146	376552	40.049	ng		99
14) 1,2-Dichlorobenzene	7.00	146	352622	40.056	ng		95
15) Benzyl Alcohol	6.98	79	271858	39.800	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	347412	38.660	ng		57
17) 2-Methylphenol	7.10	107	244227	39.273	ng	#	89
18) Hexachloroethane	7.35	117	131525	39.835	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	219513	39.288	ng		96
20) 3+4-Methylphenols	7.26	107	329464	41.431	ng	#	66
22) Acetophenone	7.25	105	465676	39.924	ng		93
24) Nitrobenzene	7.42	77	334825	40.328	ng		95
25) Isophorone	7.66	82	506888	38.866	ng		98
26) 2-Nitrophenol	7.74	139	182438	41.117	ng		96
27) 2,4-Dimethylphenol	7.78	122	245288	40.125	ng		95
28) bis(2-Chloroethoxy)methane	7.86	93	345577	38.915	ng		99
29) 2,4-Dichlorophenol	7.99	162	279993	40.928	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	312949	39.797	ng		99
31) Naphthalene	8.14	128	891361	39.792	ng		99
32) Benzoic acid	7.92	122	124650	35.746	ng		98
33) 4-Chloroaniline	8.19	127	399659	40.975	ng		99
34) Hexachlorobutadiene	8.26	225	176456	38.240	ng		98
35) Caprolactam	8.57	113	100929	41.821	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	289698	40.002	ng		97
37) 2-Methylnaphthalene	8.83	142	604140	39.396	ng		97
38) 1-Methylnaphthalene	8.93	142	573744	39.035	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	304404	38.434	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	79947	32.974 ng		98
43) 2,4,6-Trichlorophenol	9.12	196	190578	39.036 ng		99
44) 2,4,5-Trichlorophenol	9.17	196	198454	38.894 ng		98
46) 1,1'-Biphenyl	9.29	154	821936	38.975 ng		98
47) 2-Chloronaphthalene	9.32	162	637633	38.990 ng		96
48) 2-Nitroaniline	9.42	65	181147	40.640 ng		94
49) Acenaphthylene	9.73	152	951829	39.710 ng		99
50) Dimethylphthalate	9.59	163	723749	38.617 ng		98
51) 2,6-Dinitrotoluene	9.66	165	168588	40.164 ng		94
52) Acenaphthene	9.91	154	565941	39.525 ng		99
53) 3-Nitroaniline	9.83	138	188654	41.486 ng		90
54) 2,4-Dinitrophenol	9.96	184	48965	36.349 ng		95
55) Dibenzofuran	10.08	168	865492	39.554 ng		96
56) 4-Nitrophenol	10.02	139	81260	33.799 ng		94
57) 2,4-Dinitrotoluene	10.07	165	218963	40.976 ng	#	82
58) Fluorene	10.42	166	663153	40.499 ng		97
59) 2,3,4,6-Tetrachlorophenol	10.21	232	151528	39.297 ng		92
60) Diethylphthalate	10.29	149	712460	38.306 ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	342713	38.476 ng		94
62) 4-Nitroaniline	10.45	138	197305	44.235 ng		94
63) Azobenzene	10.57	77	647730	39.598 ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	98323	36.350 ng		87
66) n-Nitrosodiphenylamine	10.53	169	628451	38.651 ng		100
67) 4-Bromophenyl-phenylether	10.90	248	210455	37.090 ng		97
68) Hexachlorobenzene	10.98	284	231913	38.095 ng		95
69) Atrazine	11.06	200	183163	34.912 ng		98
70) Pentachlorophenol	11.18	266	86715	36.608 ng		98
71) Phenanthrene	11.39	178	969732	38.663 ng		99
72) Anthracene	11.44	178	999114	39.990 ng		99
73) Carbazole	11.59	167	1004947	40.777 ng		99
74) Di-n-butylphthalate	11.91	149	1123308	36.721 ng		99
75) Fluoranthene	12.57	202	1036563	38.532 ng		99
77) Benzidine	12.69	184	431866	39.765 ng		98
78) Pyrene	12.80	202	1065869	39.015 ng		99
80) Butylbenzylphthalate	13.41	149	473867	35.851 ng		95
81) Benzo(a)anthracene	14.00	228	908925	39.184 ng		97
82) 3,3'-Dichlorobenzidine	13.95	252	338986	39.049 ng		99
83) Chrysene	14.03	228	860385	38.858 ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	630135	33.586 ng		98
85) Di-n-octyl phthalate	14.57	149	964379	33.409 ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	616504	35.139 ng		98
88) Benzo(b)fluoranthene	15.05	252	746250	39.840 ng		98
89) Benzo(k)fluoranthene	15.08	252	716580	39.939 ng		97
90) Benzo(a)pyrene	15.42	252	672859	39.923 ng		99
91) Dibenzo(a,h)anthracene	16.97	278	516549	38.028 ng		99
92) Benzo(g,h,i)perylene	17.41	276	499347	38.965 ng		97

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

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