Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119242.D
Acq On : 6 Mar 2020 6:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 06 08:25:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	136972	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	495148	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	256096	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	401558	20.00	ng		-0.02
76) Chrysene-d12	13.89	240	243271	20.00	ng		-0.02
87) Perylene-d12	15.31	264	301629	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	675050	82.36	ng		-0.02
7) Phenol-d6	6.39	99	792997	79.55	ng		-0.02
23) Nitrobenzene-d5	7.30	82	750358	80.01	ng		-0.02
42) 2,4,6-Tribromophenol	10.55	330	233539	69.71	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1404776	80.81	ng		-0.02
79) Terphenyl-d14	12.82	244	1176067	83.23	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	134653	36.899	ng		99
3) Pyridine	3.12	79	376414	37.770	ng		98
4) n-Nitrosodimethylamine	3.07	42	122672	40.633	ng		97
6) Aniline	6.39	93	465322	37.832	ng	#	76
8) 2-Chlorophenol	6.52	128	359233	40.613	ng		99
9) Benzaldehyde	6.28	77	232989	34.984	ng		98
10) Phenol	6.40	94	429659	39.867	ng		97
11) bis(2-Chloroethyl)ether	6.46	93	325862	39.517	ng		97
12) 1,3-Dichlorobenzene	6.67	146	422704	39.872	ng		99
13) 1,4-Dichlorobenzene	6.75	146	430332	40.564	ng		98
14) 1,2-Dichlorobenzene	6.90	146	391964	40.512	ng		99
15) Benzyl Alcohol	6.88	79	291943	40.524	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	276801	38.750	ng	#	43
17) 2-Methylphenol	7.00	107	281711	39.283	ng		96
18) Hexachloroethane	7.23	117	148665	39.169	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	240758	41.450	ng		99
20) 3+4-Methylphenols	7.16	107	367794	41.862	ng	#	88
22) Acetophenone	7.14	105	476002	41.549	ng	#	95
24) Nitrobenzene	7.32	77	371136	40.020	ng		99
25) Isophorone	7.55	82	625625	38.414	ng		98
26) 2-Nitrophenol	7.63	139	191149	38.902	ng		95
27) 2,4-Dimethylphenol	7.67	122	257691	38.642	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	410795	38.751	ng		100
29) 2,4-Dichlorophenol	7.88	162	305321	38.891	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	356505	38.301	ng		99
31) Naphthalene	8.03	128	1000993	38.981	ng		99
32) Benzoic acid	7.84	122	158046	34.640	ng		99
33) 4-Chloroaniline	8.09	127	420449	38.068	ng		98
34) Hexachlorobutadiene	8.15	225	227446	39.229	ng		98
35) Caprolactam	8.47	113	91301	37.769	ng		93
36) 4-Chloro-3-methylphenol	8.59	107	308716	38.856	ng		95
37) 2-Methylnaphthalene	8.72	142	662665	38.346	ng		99
38) 1-Methylnaphthalene	8.82	142	622820	38.322	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	347205	40.211	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	24384	16.242 ng		99
43) 2,4,6-Trichlorophenol	9.01	196	213999	39.247 ng		98
44) 2,4,5-Trichlorophenol	9.06	196	212548	37.147 ng		98
46) 1,1'-Biphenyl	9.19	154	840080	40.588 ng		98
47) 2-Chloronaphthalene	9.21	162	669592	40.145 ng		98
48) 2-Nitroaniline	9.32	65	189857	40.811 ng		96
49) Acenaphthylene	9.62	152	937775	38.928 ng		100
50) Dimethylphthalate	9.49	163	789747	40.328 ng		99
51) 2,6-Dinitrotoluene	9.56	165	167625	38.527 ng		96
52) Acenaphthene	9.80	154	570346	39.264 ng		99
53) 3-Nitroaniline	9.73	138	180950	37.515 ng		94
54) 2,4-Dinitrophenol	9.85	184	30175	20.412 ng	#	83
55) Dibenzofuran	9.97	168	826043	38.100 ng		97
56) 4-Nitrophenol	9.92	139	92643	31.968 ng		98
57) 2,4-Dinitrotoluene	9.96	165	206068	36.540 ng		91
58) Fluorene	10.31	166	655353	38.899 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	172174	35.662 ng		99
60) Diethylphthalate	10.18	149	749161	40.594 ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	356960	40.028 ng		98
62) 4-Nitroaniline	10.35	138	167539	33.950 ng		100
63) Azobenzene	10.46	77	624301	38.919 ng		94
65) 4,6-Dinitro-2-methylphenol	10.38	198	66480	27.359 ng		95
66) n-Nitrosodiphenylamine	10.42	169	589172	44.809 ng		99
67) 4-Bromophenyl-phenylether	10.79	248	223638	42.607 ng		97
68) Hexachlorobenzene	10.86	284	245532	40.573 ng		98
69) Atrazine	10.95	200	181669	39.545 ng		98
70) Pentachlorophenol	11.06	266	135957	55.771 ng		98
71) Phenanthrene	11.27	178	877448	40.068 ng		98
72) Anthracene	11.32	178	873246	39.909 ng		98
73) Carbazole	11.48	167	748412	38.394 ng		98
74) Di-n-butylphthalate	11.80	149	1019808	43.201 ng		99
75) Fluoranthene	12.46	202	760135	32.701 ng		99
77) Benzidine	12.58	184	388237	39.241 ng		99
78) Pyrene	12.69	202	743515	38.062 ng		97
80) Butylbenzylphthalate	13.29	149	326586	39.724 ng		96
81) Benzo(a)anthracene	13.87	228	659337	39.777 ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	263243	40.899 ng		99
83) Chrysene	13.91	228	645348	39.074 ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	432667	41.656 ng		99
85) Di-n-octyl phthalate	14.46	149	724874	43.802 ng		98
86) Indeno(1,2,3-cd)pyrene	16.72	276	765202	47.848 ng		99
88) Benzo(b)fluoranthene	14.90	252	733114	36.874 ng		98
89) Benzo(k)fluoranthene	14.93	252	720292	39.094 ng		98
90) Benzo(a)pyrene	15.25	252	695246	38.746 ng		99
91) Dibenzo(a,h)anthracene	16.72	278	641641	40.640 ng		99
92) Benzo(g,h,i)perylene	17.13	276	577433	37.015 ng		98

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

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