Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110351.D
Acq On : 1 Nov 2018 00:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 01 01:02:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 31 14:18:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	94289	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	366331	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	153094	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	264189	20.00	ng		0.00
76) Chrysene-d12	14.17	240	245445	20.00	ng		0.00
87) Perylene-d12	15.70	264	167803	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	474691	81.98	ng		0.00
7) Phenol-d6	6.60	99	584708	78.95	ng		0.00
23) Nitrobenzene-d5	7.54	82	525973	85.16	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	112784	74.37	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	899809	92.29	ng		0.00
79) Terphenyl-d14	13.10	244	887280	75.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	116254	38.322	ng		90
3) Pyridine	3.58	79	261989	38.775	ng	#	86
4) n-Nitrosodimethylamine	3.55	42	119683	42.279	ng		89
6) Aniline	6.64	93	375583	38.931	ng	#	53
8) 2-Chlorophenol	6.76	128	267923	40.135	ng		98
9) Benzaldehyde	6.53	77	162817	37.070	ng		98
10) Phenol	6.62	94	338395	42.746	ng	#	65
11) bis(2-Chloroethyl)ether	6.71	93	255489	39.227	ng		95
12) 1,3-Dichlorobenzene	6.92	146	290683	39.569	ng		98
13) 1,4-Dichlorobenzene	6.99	146	292116	39.317	ng		96
14) 1,2-Dichlorobenzene	7.15	146	276515	40.091	ng		100
15) Benzyl Alcohol	7.12	79	228271	40.075	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	401905	38.594	ng		69
17) 2-Methylphenol	7.22	107	208444	39.180	ng	#	84
18) Hexachloroethane	7.49	117	91926	33.794	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	182663	38.445	ng		93
20) 3+4-Methylphenols	7.37	107	270004	39.263	ng		97
22) Acetophenone	7.39	105	360236	42.677	ng		98
24) Nitrobenzene	7.56	77	270974	42.496	ng		91
25) Isophorone	7.79	82	417328	39.640	ng		96
26) 2-Nitrophenol	7.87	139	125361	41.314	ng		94
27) 2,4-Dimethylphenol	7.90	122	204107	40.571	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	290413	40.606	ng		98
29) 2,4-Dichlorophenol	8.12	162	207050	40.737	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	234807	41.244	ng		95
31) Naphthalene	8.28	128	684582	40.547	ng		100
32) Benzoic acid	8.02	122	67816	17.441	ng		98
33) 4-Chloroaniline	8.33	127	299789	39.453	ng		99
34) Hexachlorobutadiene	8.39	225	136479	43.176	ng		96
35) Caprolactam	8.70	113	64280	36.286	ng		90
36) 4-Chloro-3-methylphenol	8.80	107	209565	38.130	ng		98
37) 2-Methylnaphthalene	8.97	142	430302	38.520	ng		98
38) 1-Methylnaphthalene	9.07	142	407390	37.738	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	206587	43.309	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	10689	4.382	ng		98
43) 2,4,6-Trichlorophenol	9.25	196	127704	41.507	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	132284	40.676	ng		98
46) 1,1'-Biphenyl	9.43	154	593492	42.869	ng		100
47) 2-Chloronaphthalene	9.46	162	422895	41.643	ng		99
48) 2-Nitroaniline	9.56	65	130090	42.274	ng		90
49) Acenaphthylene	9.88	152	581963	39.677	ng		98
50) Dimethylphthalate	9.73	163	476982	42.207	ng		99
51) 2,6-Dinitrotoluene	9.80	165	98853	40.609	ng		96
52) Acenaphthene	10.05	154	364975	37.613	ng		98
53) 3-Nitroaniline	9.97	138	118766	41.027	ng		92
54) 2,4-Dinitrophenol	10.09	184	5205	10.214	ng		92
55) Dibenzofuran	10.23	168	530354	39.038	ng		97
56) 4-Nitrophenol	10.13	139	73518	34.314	ng		96
57) 2,4-Dinitrotoluene	10.21	165	118840	38.435	ng	#	87
58) Fluorene	10.57	166	391044	38.675	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	97503	36.783	ng		94
60) Diethylphthalate	10.43	149	449216	40.721	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	212383	39.818	ng		96
62) 4-Nitroaniline	10.59	138	115500	40.115	ng		91
63) Azobenzene	10.72	77	411832	37.610	ng		97
65) 4,6-Dinitro-2-methylphenol	10.62	198	11431	9.471	ng		96
66) n-Nitrosodiphenylamine	10.67	169	371688	42.893	ng		98
67) 4-Bromophenyl-phenylether	11.05	248	118870	41.480	ng		99
68) Hexachlorobenzene	11.12	284	124390	40.910	ng		94
69) Atrazine	11.20	200	108629	39.668	ng		99
70) Pentachlorophenol	11.32	266	65954	37.199	ng		99
71) Phenanthrene	11.54	178	559771	40.494	ng		99
72) Anthracene	11.59	178	569413	41.095	ng		99
73) Carbazole	11.74	167	569247	42.077	ng		99
74) Di-n-butylphthalate	12.06	149	664080	43.462	ng		99
75) Fluoranthene	12.73	202	617629	44.024	ng		98
77) Benzidine	12.85	184	331592	52.387	ng		97
78) Pyrene	12.97	202	642120	36.492	ng		98
80) Butylbenzylphthalate	13.56	149	303238	39.704	ng		99
81) Benzo(a)anthracene	14.16	228	580498	39.882	ng		98
82) 3,3'-Dichlorobenzidine	14.12	252	216225	42.661	ng		99
83) Chrysene	14.20	228	556250	40.236	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	408085	39.526	ng		97
85) Di-n-octyl phthalate	14.74	149	743981	46.343	ng		99
86) Indeno(1,2,3-cd)pyrene	17.30	276	328739	28.663	ng		97
88) Benzo(b)fluoranthene	15.24	252	434962	44.888	ng		99
89) Benzo(k)fluoranthene	15.28	252	398762	41.859	ng		99
90) Benzo(a)pyrene	15.64	252	362177	40.619	ng		99
91) Dibenzo(a,h)anthracene	17.30	278	280813	36.500	ng		99
92) Benzo(g,h,i)perylene	17.77	276	266889	35.204	ng		97

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

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