Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111720.D
Acq On : 26 Dec 2018 18:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 27 01:09:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	199474	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	738712	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	379634	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	714833	20.00	ng		0.00
76) Chrysene-d12	14.06	240	487913	20.00	ng		0.01
87) Perylene-d12	15.54	264	370684	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	900576	76.96	ng		0.01
7) Phenol-d6	6.54	99	1163186	78.10	ng		0.02
23) Nitrobenzene-d5	7.46	82	1100907	86.75	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	390753	87.11	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2075160	79.67	ng		0.00
79) Terphenyl-d14	13.01	244	2218817	86.24	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	195209	35.454	ng		96
3) Pyridine	3.47	79	513682	35.810	ng		96
4) n-Nitrosodimethylamine	3.42	42	259621	36.982	ng	#	84
6) Aniline	6.56	93	717566	37.798	ng		98
8) 2-Chlorophenol	6.69	128	512458	39.531	ng		98
9) Benzaldehyde	6.45	77	371002	36.220	ng		99
10) Phenol	6.55	94	638068	37.971	ng		86
11) bis(2-Chloroethyl)ether	6.63	93	495335	39.337	ng		97
12) 1,3-Dichlorobenzene	6.85	146	602259	40.088	ng		99
13) 1,4-Dichlorobenzene	6.92	146	608066	39.909	ng		97
14) 1,2-Dichlorobenzene	7.07	146	567684	39.935	ng		98
15) Benzyl Alcohol	7.04	79	471961	39.901	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	846819	36.514	ng		98
17) 2-Methylphenol	7.16	107	404646	38.982	ng	#	94
18) Hexachloroethane	7.42	117	215806	42.032	ng	#	88
19) n-Nitroso-di-n-propylamine	7.32	70	377287	38.145	ng		98
20) 3+4-Methylphenols	7.31	107	513197	39.127	ng		92
22) Acetophenone	7.31	105	727929	38.897	ng	#	98
24) Nitrobenzene	7.48	77	565276	42.498	ng		96
25) Isophorone	7.72	82	887623	39.397	ng		99
26) 2-Nitrophenol	7.80	139	280343	51.968	ng		92
27) 2,4-Dimethylphenol	7.84	122	409133	38.473	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	594209	39.634	ng		97
29) 2,4-Dichlorophenol	8.05	162	464023	40.568	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	516361	40.512	ng		98
31) Naphthalene	8.21	128	1412469	39.795	ng		97
32) Benzoic acid	7.95	122	266347	37.881	ng		94
33) 4-Chloroaniline	8.25	127	612338	39.914	ng		99
34) Hexachlorobutadiene	8.33	225	326440	42.022	ng		98
35) Caprolactam	8.63	113	152411	39.324	ng	#	88
36) 4-Chloro-3-methylphenol	8.73	107	457853	40.722	ng		98
37) 2-Methylnaphthalene	8.90	142	934331	40.460	ng		98
38) 1-Methylnaphthalene	9.00	142	896662	40.429	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	507426	40.676	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	298424	49.297 ng		99
43) 2,4,6-Trichlorophenol	9.17	196	342502	41.123 ng		99
44) 2,4,5-Trichlorophenol	9.22	196	358023	41.901 ng		94
46) 1,1'-Biphenyl	9.36	154	1284888	40.094 ng		94
47) 2-Chloronaphthalene	9.39	162	1002243	39.473 ng		96
48) 2-Nitroaniline	9.47	65	311437	47.149 ng		97
49) Acenaphthylene	9.80	152	1479272	39.903 ng		96
50) Dimethylphthalate	9.66	163	1142858	41.167 ng		99
51) 2,6-Dinitrotoluene	9.72	165	260461	47.052 ng		89
52) Acenaphthene	9.97	154	948318	41.476 ng		98
53) 3-Nitroaniline	9.89	138	279263	47.303 ng		98
54) 2,4-Dinitrophenol	9.99	184	108647	62.879 ng	#	84
55) Dibenzofuran	10.15	168	1398873	40.496 ng		95
56) 4-Nitrophenol	10.05	139	207975	46.161 ng		91
57) 2,4-Dinitrotoluene	10.12	165	334943	50.344 ng	#	95
58) Fluorene	10.49	166	996678	40.041 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	305895	42.540 ng		89
60) Diethylphthalate	10.36	149	1110959	40.796 ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	570685	41.498 ng		91
62) 4-Nitroaniline	10.50	138	265274	46.231 ng		92
63) Azobenzene	10.64	77	1077263	39.403 ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	169815	56.158 ng	#	74
66) n-Nitrosodiphenylamine	10.60	169	970432	40.442 ng		98
67) 4-Bromophenyl-phenylether	10.97	248	368567	41.570 ng		92
68) Hexachlorobenzene	11.04	284	406477	41.118 ng		98
69) Atrazine	11.12	200	336907	40.415 ng		97
70) Pentachlorophenol	11.23	266	253628	41.500 ng		96
71) Phenanthrene	11.45	178	1487387	39.234 ng		95
72) Anthracene	11.50	178	1498263	39.374 ng		95
73) Carbazole	11.65	167	1444283	39.094 ng		96
74) Di-n-butylphthalate	11.98	149	1669482	40.305 ng		97
75) Fluoranthene	12.64	202	1475840	38.444 ng		95
77) Benzidine	12.75	184	722029	39.326 ng		99
78) Pyrene	12.87	202	1486003	43.128 ng		97
80) Butylbenzylphthalate	13.48	149	622595	44.329 ng	#	86
81) Benzo(a)anthracene	14.05	228	1123766	40.358 ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	439407	39.940 ng	#	97
83) Chrysene	14.09	228	1090489	39.846 ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	781037	44.149 ng	#	98
85) Di-n-octyl phthalate	14.65	149	1080520	39.421 ng		94
86) Indeno(1,2,3-cd)pyrene	17.04	276	900399	38.702 ng	#	88
88) Benzo(b)fluoranthene	15.11	252	876254	40.447 ng	#	94
89) Benzo(k)fluoranthene	15.14	252	837888	40.625 ng	#	96
90) Benzo(a)pyrene	15.48	252	801403	40.717 ng	#	94
91) Dibenzo(a,h)anthracene	17.05	278	757145	43.930 ng	#	91
92) Benzo(g,h,i)perylene	17.49	276	749813	44.553 ng	#	87

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

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