Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111872.D
Acq On : 7 Jan 2019 12:16
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Jan 07 12:46:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 12:19:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179910	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	675205	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	345074	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	636719	20.00	ng		0.00
76) Chrysene-d12	14.06	240	472193	20.00	ng		0.00
87) Perylene-d12	15.53	264	342288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	959141	90.87	ng		0.00
7) Phenol-d6	6.54	99	1249977	93.06	ng		0.00
23) Nitrobenzene-d5	7.46	82	1246558	107.46	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	433526	106.33	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2279549	96.29	ng		0.00
79) Terphenyl-d14	13.00	244	2458566	98.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	214517	43.198	ng		98
3) Pyridine	3.44	79	571596	44.181	ng		99
4) n-Nitrosodimethylamine	3.40	42	285324	45.063	ng		98
6) Aniline	6.56	93	768005	44.854	ng	#	73
8) 2-Chlorophenol	6.69	128	557447	47.678	ng		94
9) Benzaldehyde	6.44	77	338074	36.595	ng		99
10) Phenol	6.55	94	689022	45.462	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	536108	47.204	ng		97
12) 1,3-Dichlorobenzene	6.83	146	656842	48.476	ng		98
13) 1,4-Dichlorobenzene	6.91	146	653901	47.585	ng		99
14) 1,2-Dichlorobenzene	7.06	146	622371	48.543	ng		98
15) Benzyl Alcohol	7.03	79	523721	49.092	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	910536	43.531	ng		95
17) 2-Methylphenol	7.15	107	441319	47.139	ng		97
18) Hexachloroethane	7.40	117	235603	50.878	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	423191	47.439	ng		99
20) 3+4-Methylphenols	7.30	107	556592	47.051	ng		91
22) Acetophenone	7.30	105	816442	47.730	ng	#	95
24) Nitrobenzene	7.47	77	627372	51.603	ng		97
25) Isophorone	7.72	82	1005698	48.837	ng		99
26) 2-Nitrophenol	7.79	139	321560	65.215	ng		98
27) 2,4-Dimethylphenol	7.83	122	448258	46.117	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	668345	48.771	ng		99
29) 2,4-Dichlorophenol	8.04	162	513044	49.073	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	570439	48.964	ng		98
31) Naphthalene	8.20	128	1563265	48.186	ng		99
32) Benzoic acid	7.97	122	314965	49.009	ng		98
33) 4-Chloroaniline	8.25	127	678288	48.372	ng		97
34) Hexachlorobutadiene	8.32	225	359445	50.623	ng		99
35) Caprolactam	8.63	113	172481	48.688	ng		99
36) 4-Chloro-3-methylphenol	8.73	107	518559	50.459	ng		96
37) 2-Methylnaphthalene	8.89	142	1035381	49.053	ng		99
38) 1-Methylnaphthalene	8.99	142	989689	48.821	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	561127	49.486	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	340872	61.949 ng	99
43) 2,4,6-Trichlorophenol	9.17	196	380226	50.224 ng	100
44) 2,4,5-Trichlorophenol	9.22	196	394371	50.778 ng	98
46) 1,1'-Biphenyl	9.35	154	1419874	48.744 ng	99
47) 2-Chloronaphthalene	9.38	162	1126493	48.810 ng	98
48) 2-Nitroaniline	9.47	65	354906	59.112 ng	92
49) Acenaphthylene	9.80	152	1643033	48.759 ng	99
50) Dimethylphthalate	9.66	163	1272751	50.437 ng	99
51) 2,6-Dinitrotoluene	9.72	165	292268	58.085 ng	90
52) Acenaphthene	9.97	154	1056345	50.828 ng	99
53) 3-Nitroaniline	9.89	138	310777	57.913 ng	95
54) 2,4-Dinitrophenol	9.99	184	130503	96.113 ng	91
55) Dibenzofuran	10.14	168	1527021	48.634 ng	97
56) 4-Nitrophenol	10.06	139	226425	55.289 ng	95
57) 2,4-Dinitrotoluene	10.12	165	384659	63.607 ng	93
58) Fluorene	10.48	166	1117036	49.371 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	335120	51.272 ng	99
60) Diethylphthalate	10.35	149	1215353	49.099 ng	98
61) 4-Chlorophenyl-phenylether	10.47	204	618200	49.455 ng	98
62) 4-Nitroaniline	10.50	138	301719	57.849 ng	98
63) Azobenzene	10.63	77	1193185	48.015 ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	201739	84.816 ng	88
66) n-Nitrosodiphenylamine	10.59	169	1063899	49.777 ng	99
67) 4-Bromophenyl-phenylether	10.96	248	399577	50.596 ng	93
68) Hexachlorobenzene	11.03	284	447067	50.772 ng	98
69) Atrazine	11.12	200	365888	49.276 ng	99
70) Pentachlorophenol	11.23	266	272984	50.148 ng	99
71) Phenanthrene	11.45	178	1626795	48.176 ng	99
72) Anthracene	11.50	178	1651098	48.714 ng	99
73) Carbazole	11.65	167	1580129	48.019 ng	99
74) Di-n-butylphthalate	11.97	149	1806613	48.966 ng	99
75) Fluoranthene	12.63	202	1621178	47.411 ng	98
77) Benzidine	12.74	184	716144	40.304 ng	97
78) Pyrene	12.86	202	1674430	50.215 ng	100
80) Butylbenzylphthalate	13.47	149	714861	52.593 ng	97
81) Benzo(a)anthracene	14.04	228	1317632	48.896 ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	476064	44.712 ng	99
83) Chrysene	14.09	228	1256364	47.436 ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	909189	53.104 ng	99
85) Di-n-octyl phthalate	14.64	149	1236243	46.604 ng	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	901469	40.038 ng	98
88) Benzo(b)fluoranthene	15.10	252	987428	49.360 ng	99
89) Benzo(k)fluoranthene	15.13	252	992832	52.131 ng	99
90) Benzo(a)pyrene	15.47	252	894225	49.203 ng	99
91) Dibenzo(a,h)anthracene	17.05	278	742816	46.674 ng	99
92) Benzo(g,h,i)perylene	17.49	276	695495	44.754 ng	98

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

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