Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112116\
Data File : BF091257.D
Acq On : 21 Nov 2016 21:47
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Nov 22 00:17:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:03:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	221906	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	898307	20.00	ng		0.00
38) Acenaphthene-d10	9.61	164	446881	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	755376	20.00	ng		0.00
75) Chrysene-d12	13.72	240	565864	20.00	ng		0.01
86) Perylene-d12	15.07	264	496950	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1247756	93.94	ng		0.00
7) Phenol-d6	6.24	99	1513509	85.03	ng		0.00
23) Nitrobenzene-d5	7.15	82	1504697	90.93	ng		0.00
41) 2,4,6-Tribromophenol	10.40	330	388680	96.06	ng		0.00
44) 2-Fluorobiphenyl	8.94	172	2505874	95.90	ng		0.00
78) Terphenyl-d14	12.67	244	2425432	106.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	293384	39.44	ng		98
3) Pyridine	2.60	79	803234	45.29	ng		100
4) n-Nitrosodimethylamine	2.58	42	456973	62.27	ng		96
6) Aniline	6.24	93	961360	45.99	ng		95
8) 2-Chlorophenol	6.36	128	705689	45.12	ng		95
9) Benzaldehyde	6.11	77	390862	40.50	ng		97
10) Phenol	6.25	94	863422	43.16	ng		82
11) bis(2-Chloroethyl)ether	6.32	93	748126	45.15	ng		98
12) 1,3-Dichlorobenzene	6.51	146	771152	48.16	ng		98
13) 1,4-Dichlorobenzene	6.59	146	813789	47.33	ng		99
14) 1,2-Dichlorobenzene	6.74	146	661585	42.54	ng		98
15) Benzyl Alcohol	6.74	79	668835	52.28	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.86	45	1327119	53.63	ng		82
17) 2-Methylphenol	7.02	107	764246	59.26	ng	#	89
18) Hexachloroethane	7.08	117	301685	45.82	ng		95
19) n-Nitroso-di-n-propylamine	7.01	70	618006	50.24	ng		89
20) 3+4-Methylphenols	7.02	107	764246	50.95	ng		89
22) Acetophenone	7.00	105	1025153	49.52	ng	#	92
24) Nitrobenzene	7.17	77	947571	53.14	ng	#	88
25) Isophorone	7.41	82	1408814	44.54	ng		98
26) 2-Nitrophenol	7.48	139	374462	48.35	ng		95
27) 2,4-Dimethylphenol	7.54	122	551356	43.99	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	845099	49.49	ng		99
29) 2,4-Dichlorophenol	7.73	162	626897	55.41	ng		97
30) 1,2,4-Trichlorobenzene	7.80	180	630573	50.34	ng		99
31) Naphthalene	7.88	128	1895335	44.53	ng		99
32) Benzoic acid	7.72	122	428924	49.21	ng		97
33) 4-Chloroaniline	7.95	127	832814	46.98	ng		97
34) Hexachlorobutadiene	8.01	225	384091	55.63	ng		99
35) Caprolactam	8.34	113	163746	47.28	ng	#	90
36) 4-Chloro-3-methylphenol	8.44	107	621590	46.68	ng		97
37) 2-Methylnaphthalene	8.58	142	1344152	48.64	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	582534	51.72	ng		99
40) Hexachlorocyclopentadiene	8.73	237	200663	55.79	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	391883	53.63	ng		98
43) 2,4,5-Trichlorophenol	8.91	196	403326	52.75	ng		96
45) 1,1'-Biphenyl	9.04	154	1561884	48.51	ng		99
46) 2-Chloronaphthalene	9.06	162	1139546	46.55	ng		98
47) 2-Nitroaniline	9.17	65	533452	58.87	ng		88
48) Acenaphthylene	9.47	152	1767200	46.10	ng		99
49) Dimethylphthalate	9.36	163	1450385	49.43	ng		99
50) 2,6-Dinitrotoluene	9.41	165	294347	46.47	ng	#	84
51) Acenaphthene	9.64	154	1069043	44.17	ng		99
52) 3-Nitroaniline	9.58	138	335632	45.38	ng		88
53) 2,4-Dinitrophenol	9.70	184	188573	62.56	ng		94
54) Dibenzofuran	9.81	168	1484178	45.56	ng		98
55) 4-Nitrophenol	9.77	139	169068	44.00	ng		90
56) 2,4-Dinitrotoluene	9.82	165	434282	55.91	ng		94
57) Fluorene	10.16	166	1186892	44.67	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	330032	54.83	ng		99
59) Diethylphthalate	10.05	149	1447956	49.41	ng		95
60) 4-Chlorophenyl-phenylether	10.16	204	609741	51.24	ng		93
61) 4-Nitroaniline	10.20	138	363242	48.95	ng		89
62) Azobenzene	10.32	77	1677432	48.12	ng		94
64) 4,6-Dinitro-2-methylphenol	10.24	198	252608	54.28	ng	#	51
65) n-Nitrosodiphenylamine	10.28	169	1183615	49.53	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	366252	46.21	ng		97
67) Hexachlorobenzene	10.70	284	436076	50.59	ng	#	91
68) Atrazine	10.81	200	242834	36.44	ng		99
69) Pentachlorophenol	10.91	266	178609	47.32	ng		97
70) Phenanthrene	11.12	178	1867757	47.63	ng		100
71) Anthracene	11.16	178	1817638	42.60	ng		99
72) Carbazole	11.32	167	1631046	42.57	ng		99
73) Di-n-butylphthalate	11.66	149	2272464	47.95	ng		99
74) Fluoranthene	12.29	202	2286102	54.11	ng		96
76) Benzidine	12.42	184	661963	52.13	ng		98
77) Pyrene	12.52	202	2322439	60.78	ng		99
79) Butylbenzylphthalate	13.15	149	1011180	56.38	ng		94
80) Benzo(a)anthracene	13.71	228	1749118	54.30	ng		99
81) 3,3'-Dichlorobenzidine	13.68	252	629378	54.93	ng	#	99
82) Chrysene	13.75	228	1859558	58.01	ng		98
83) Bis(2-ethylhexyl)phthalate	13.71	149	1185481	49.98	ng		100
84) Di-n-octyl phthalate	14.33	149	2273206	58.15	ng		98
85) Indeno(1,2,3-cd)pyrene	16.31	276	1349113	51.06	ng		99
87) Benzo(b)fluoranthene	14.71	252	1553271m	48.09	ng		
88) Benzo(k)fluoranthene	14.73	252	1591331m	54.36	ng		
89) Benzo(a)pyrene	15.01	252	1298301	45.46	ng		99
90) Dibenzo(a,h)anthracene	16.32	278	1144121	46.19	ng	#	96
91) Benzo(g,h,i)perylene	16.67	276	1172383	51.48	ng		96

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

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