Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112816\
Data File : BF091312.D
Acq On : 28 Nov 2016 12:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
11/29/2016 9:26:28 AM

Quant Time: Nov 28 18:16:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 13:22:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	229128	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	870138	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	512828	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	871827	20.00	ng		0.00
75) Chrysene-d12	14.05	240	593776	20.00	ng		0.00
86) Perylene-d12	15.48	264	485531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1150876	80.70	ng		0.00
7) Phenol-d6	6.50	99	1435788	78.36	ng		0.00
23) Nitrobenzene-d5	7.44	82	1238577	81.95	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	372121	71.96	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	2294975	73.28	ng		0.00
78) Terphenyl-d14	13.00	244	2260823	86.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	243973	36.27	ng		88
3) Pyridine	3.21	79	678680	37.54	ng		86
4) n-Nitrosodimethylamine	3.17	42	380420	38.43	ng		94
6) Aniline	6.54	93	912488	38.96	ng	#	69
8) 2-Chlorophenol	6.66	128	619659	39.89	ng		94
9) Benzaldehyde	6.42	77	340837	36.53	ng		81
10) Phenol	6.53	94	736844	36.04	ng		90
11) bis(2-Chloroethyl)ether	6.62	93	620318	41.28	ng		93
12) 1,3-Dichlorobenzene	6.81	146	643423m	37.99	ng		
13) 1,4-Dichlorobenzene	6.89	146	635942	36.68	ng		96
14) 1,2-Dichlorobenzene	7.05	146	629403	38.27	ng		94
15) Benzyl Alcohol	7.02	79	511900	35.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1246454	37.83	ng		72
17) 2-Methylphenol	7.13	107	475106	38.65	ng	#	77
18) Hexachloroethane	7.40	117	245241	39.73	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	458203	39.87	ng	#	86
20) 3+4-Methylphenols	7.29	107	604172	40.04	ng	#	46
22) Acetophenone	7.29	105	762774	38.85	ng	#	86
24) Nitrobenzene	7.46	77	710272	44.41	ng	#	88
25) Isophorone	7.70	82	1109989	39.31	ng		99
26) 2-Nitrophenol	7.78	139	305182	47.58	ng	#	69
27) 2,4-Dimethylphenol	7.82	122	543561	40.38	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	695098	41.35	ng		98
29) 2,4-Dichlorophenol	8.02	162	508095	42.71	ng		92
30) 1,2,4-Trichlorobenzene	8.10	180	534757	39.02	ng		99
31) Naphthalene	8.18	128	1565020	37.39	ng		99
32) Benzoic acid	7.96	122	473824	44.70	ng		93
33) 4-Chloroaniline	8.24	127	744325	40.88	ng		97
34) Hexachlorobutadiene	8.31	225	336599	41.55	ng		98
35) Caprolactam	8.62	113	152726m	41.64	ng		
36) 4-Chloro-3-methylphenol	8.72	107	540748	42.30	ng	#	79
37) 2-Methylnaphthalene	8.88	142	1199271	41.75	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	493027	35.48	ng		98
40) Hexachlorocyclopentadiene	9.04	237	260198	41.83	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	401778	41.92	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	322302	35.00	ng	#	89
45) 1,1'-Biphenyl	9.35	154	1436844	38.86	ng		93
46) 2-Chloronaphthalene	9.37	162	1075499	39.71	ng		93
47) 2-Nitroaniline	9.46	65	435238	47.36	ng		99
48) Acenaphthylene	9.78	152	1655418	38.14	ng		99
49) Dimethylphthalate	9.65	163	1082687	33.81	ng		97
50) 2,6-Dinitrotoluene	9.70	165	270611	38.69	ng		96
51) Acenaphthene	9.96	154	1101779	37.30	ng		97
52) 3-Nitroaniline	9.88	138	354372	47.13	ng		99
53) 2,4-Dinitrophenol	9.98	184	135322	50.96	ng	#	80
54) Dibenzofuran	10.13	168	1454566	35.01	ng		96
55) 4-Nitrophenol	10.02	139	225984	41.67	ng		96
56) 2,4-Dinitrotoluene	10.10	165	344002	38.87	ng	#	66
57) Fluorene	10.47	166	1151801	36.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	298120	36.82	ng		97
59) Diethylphthalate	10.34	149	1080996	33.55	ng		97
60) 4-Chlorophenyl-phenylether	10.46	204	482567	32.95	ng	#	80
61) 4-Nitroaniline	10.49	138	346462	49.38	ng		99
62) Azobenzene	10.62	77	1207732	36.95	ng		86
64) 4,6-Dinitro-2-methylphenol	10.52	198	201668	51.01	ng	#	67
65) n-Nitrosodiphenylamine	10.58	169	1068013	40.35	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	344028	36.10	ng		94
67) Hexachlorobenzene	11.02	284	396540	37.96	ng		96
68) Atrazine	11.11	200	224870	27.07	ng		96
69) Pentachlorophenol	11.21	266	222951	36.08	ng		95
70) Phenanthrene	11.43	178	1663046	36.77	ng		98
71) Anthracene	11.48	178	1721178	37.22	ng		100
72) Carbazole	11.64	167	1646484	40.01	ng		99
73) Di-n-butylphthalate	11.97	149	1758931	36.91	ng		99
74) Fluoranthene	12.62	202	1913125	41.59	ng		98
76) Benzidine	12.73	184	635795	55.25	ng		97
77) Pyrene	12.85	202	1925880	43.90	ng		100
79) Butylbenzylphthalate	13.46	149	677793	38.60	ng		89
80) Benzo(a)anthracene	14.02	228	1389577	41.23	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	509245	45.82	ng	#	98
82) Chrysene	14.07	228	1427401	44.82	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	917847	41.99	ng	#	92
84) Di-n-octyl phthalate	14.64	149	1413245	41.08	ng		100
85) Indeno(1,2,3-cd)pyrene	16.91	276	1179098	42.99	ng		95
87) Benzo(b)fluoranthene	15.07	252	1163015	37.97	ng		97
88) Benzo(k)fluoranthene	15.10	252	1140133m	45.58	ng		
89) Benzo(a)pyrene	15.42	252	1069708	41.05	ng	#	96
90) Dibenzo(a,h)anthracene	16.93	278	992408	41.25	ng	#	92
91) Benzo(g,h,i)perylene	17.33	276	1033705	43.32	ng		100

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

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