Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
Data File : BF089848.D
Acq On : 23 Aug 2016 23:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
8/25/2016 5:20:56 PM

Quant Time: Aug 25 14:03:48 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	448803	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	1771570	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	848742	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1587234	20.00	ng		0.00
75) Chrysene-d12	13.83	240	1228575	20.00	ng		-0.05
86) Perylene-d12	15.28	264	1000630	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1942112	74.21	ng		-0.02
7) Phenol-d6	6.31	99	2544666	79.21	ng		-0.01
23) Nitrobenzene-d5	7.23	82	2316182	81.22	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	639650	79.30	ng		-0.01
44) 2-Fluorobiphenyl	9.04	172	3599984	74.55	ng		-0.01
78) Terphenyl-d14	12.78	244	3555637	65.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	513349	39.64	ng		93
3) Pyridine	2.75	79	1373935	40.45	ng		90
4) n-Nitrosodimethylamine	2.71	42	459905	36.36	ng	#	72
6) Aniline	6.33	93	1789967	41.54	ng		99
8) 2-Chlorophenol	6.44	128	1224977	39.14	ng		98
9) Benzaldehyde	6.20	77	769967	36.79	ng		91
10) Phenol	6.32	94	1458387	38.73	ng		99
11) bis(2-Chloroethyl)ether	6.41	93	1154645	39.55	ng		100
12) 1,3-Dichlorobenzene	6.60	146	1295543	39.60	ng		99
13) 1,4-Dichlorobenzene	6.68	146	1339998	39.84	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1333026	42.46	ng		99
15) Benzyl Alcohol	6.82	79	906105	42.53	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1416074	37.90	ng		93
17) 2-Methylphenol	6.94	107	1013705	41.35	ng		96
18) Hexachloroethane	7.19	117	511721	42.66	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	759199	36.95	ng		89
20) 3+4-Methylphenols	7.10	107	1334104	44.39	ng	#	51
22) Acetophenone	7.08	105	1482020	36.43	ng	#	89
24) Nitrobenzene	7.26	77	1198699	37.47	ng		97
25) Isophorone	7.50	82	2212458	38.47	ng		99
26) 2-Nitrophenol	7.58	139	747188	46.81	ng		95
27) 2,4-Dimethylphenol	7.62	122	1200238	41.72	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	1457141	40.95	ng	#	95
29) 2,4-Dichlorophenol	7.82	162	1048242	43.42	ng		97
30) 1,2,4-Trichlorobenzene	7.90	180	1074266	40.23	ng		99
31) Naphthalene	7.98	128	3097783	37.41	ng		98
32) Benzoic acid	7.75	122	835400	37.26	ng	#	83
33) 4-Chloroaniline	8.03	127	1637487	45.63	ng	#	95
34) Hexachlorobutadiene	8.10	225	539615	38.59	ng		98
35) Caprolactam	8.41	113	293659	39.95	ng		97
36) 4-Chloro-3-methylphenol	8.51	107	975934	37.33	ng		92
37) 2-Methylnaphthalene	8.67	142	2334757	43.59	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	1020776	37.14	ng		97
40) Hexachlorocyclopentadiene	8.83	237	431795	45.25	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	708618	40.98	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	708585	41.20	ng	#	90
45) 1,1'-Biphenyl	9.14	154	2895895	44.09	ng		95
46) 2-Chloronaphthalene	9.15	162	2015820	38.83	ng		99
47) 2-Nitroaniline	9.26	65	711352	48.04	ng	#	76
48) Acenaphthylene	9.56	152	3153300	40.42	ng		99
49) Dimethylphthalate	9.45	163	2659269	44.50	ng	#	99
50) 2,6-Dinitrotoluene	9.50	165	525733	38.10	ng	#	86
51) Acenaphthene	9.75	154	2163683	41.90	ng		99
52) 3-Nitroaniline	9.67	138	758790	49.64	ng		82
53) 2,4-Dinitrophenol	9.77	184	179877	31.03	ng	#	64
54) Dibenzofuran	9.91	168	2671031	41.18	ng		99
55) 4-Nitrophenol	9.83	139	582731	46.70	ng		88
56) 2,4-Dinitrotoluene	9.90	165	675021	37.71	ng	#	69
57) Fluorene	10.25	166	2022706	39.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	560065m	44.75	ng		
59) Diethylphthalate	10.15	149	2598061	42.80	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	907454	38.49	ng		96
61) 4-Nitroaniline	10.27	138	602761	42.06	ng		97
62) Azobenzene	10.41	77	2315486	40.57	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	340551	37.34	ng	#	61
65) n-Nitrosodiphenylamine	10.38	169	2165743	43.40	ng		100
66) 4-Bromophenyl-phenylether	10.74	248	690262	41.48	ng	#	87
67) Hexachlorobenzene	10.80	284	720705	37.96	ng	#	85
68) Atrazine	10.90	200	534644	34.98	ng		95
69) Pentachlorophenol	10.99	266	444099	41.27	ng		98
70) Phenanthrene	11.21	178	3304185	41.22	ng		97
71) Anthracene	11.26	178	3113571	38.21	ng		99
72) Carbazole	11.42	167	3028980	41.44	ng		97
73) Di-n-butylphthalate	11.77	149	4041973	44.20	ng	#	98
74) Fluoranthene	12.39	202	3038472	39.85	ng		94
76) Benzidine	12.51	184	1584301	39.85	ng		97
77) Pyrene	12.62	202	3273532	32.72	ng		95
79) Butylbenzylphthalate	13.26	149	1734893	38.40	ng		99
80) Benzo(a)anthracene	13.82	228	2775858	39.45	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	1035010	44.87	ng		99
82) Chrysene	13.85	228	2438587	40.43	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	2468469	39.66	ng		98
84) Di-n-octyl phthalate	14.50	149	4032717	48.76	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.57	276	2437376	31.67	ng		99
87) Benzo(b)fluoranthene	14.90	252	2345357	42.61	ng		97
88) Benzo(k)fluoranthene	14.94	252	2389177m	47.84	ng		
89) Benzo(a)pyrene	15.23	252	2244095	43.07	ng	#	95
90) Dibenzo(a,h)anthracene	16.59	278	2016889	35.66	ng		98
91) Benzo(g,h,i)perylene	16.95	276	2056270	34.53	ng		99

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

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