Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
Data File : BF088313.D
Acq On : 24 Jun 2016 3:01
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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6/24/2016 1:32:37 PM

Quant Time: Jun 24 04:50:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 01:47:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	97328	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	385356	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	172392	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	286245	20.00	ng		0.00
75) Chrysene-d12	13.74	240	183268	20.00	ng		0.00
86) Perylene-d12	15.09	264	195244	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	450047	79.05	ng		0.00
7) Phenol-d6	6.27	99	514557	74.58	ng		-0.01
23) Nitrobenzene-d5	7.18	82	486902	73.78	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	117100	64.33	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	898808	81.69	ng		0.00
78) Terphenyl-d14	12.69	244	601566	74.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	98687	35.67	ng	#	40
3) Pyridine	2.66	79	237314	36.33	ng		91
4) n-Nitrosodimethylamine	2.63	42	95654	34.58	ng		79
6) Aniline	6.26	93	339055	34.52	ng		95
8) 2-Chlorophenol	6.39	128	270093	40.08	ng		91
9) Benzaldehyde	6.15	77	171614	41.05	ng		99
10) Phenol	6.28	94	338114	47.61	ng		86
11) bis(2-Chloroethyl)ether	6.34	93	258398	42.71	ng		88
12) 1,3-Dichlorobenzene	6.54	146	282041m	39.01	ng		
13) 1,4-Dichlorobenzene	6.62	146	294759	40.47	ng		97
14) 1,2-Dichlorobenzene	6.76	146	254226m	38.38	ng		
15) Benzyl Alcohol	6.76	79	197972	36.68	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	253787	31.05	ng	#	1
17) 2-Methylphenol	6.89	107	199411	36.49	ng	#	88
18) Hexachloroethane	7.10	117	96698	37.42	ng	#	83
19) n-Nitroso-di-n-propylamine	7.03	70	166636	37.75	ng		92
20) 3+4-Methylphenols	7.05	107	265943	41.71	ng	#	79
22) Acetophenone	7.03	105	368277	42.76	ng		96
24) Nitrobenzene	7.20	77	259549	40.60	ng		98
25) Isophorone	7.44	82	465917	38.12	ng		96
26) 2-Nitrophenol	7.51	139	143077	41.78	ng		92
27) 2,4-Dimethylphenol	7.56	122	220402	34.96	ng		91
28) bis(2-Chloroethoxy)methane	7.66	93	302430	39.89	ng		98
29) 2,4-Dichlorophenol	7.77	162	213876	40.63	ng		93
30) 1,2,4-Trichlorobenzene	7.83	180	215416	37.58	ng		99
31) Naphthalene	7.91	128	747679	39.21	ng		99
32) Benzoic acid	7.74	122	120872	34.82	ng		97
33) 4-Chloroaniline	7.98	127	319319	37.50	ng	#	93
34) Hexachlorobutadiene	8.02	225	112961	37.37	ng		98
35) Caprolactam	8.36	113	65875	37.78	ng	#	81
36) 4-Chloro-3-methylphenol	8.48	107	221483	39.34	ng		97
37) 2-Methylnaphthalene	8.59	142	456048	36.28	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	207974	47.09	ng	#	1
40) Hexachlorocyclopentadiene	8.75	237	46764	16.82	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	130827	37.95	ng		97
43) 2,4,5-Trichlorophenol	8.94	196	135276	37.72	ng	#	87
45) 1,1'-Biphenyl	9.06	154	552984	42.37	ng		98
46) 2-Chloronaphthalene	9.08	162	437617	39.23	ng		99
47) 2-Nitroaniline	9.20	65	129686	39.41	ng	#	74
48) Acenaphthylene	9.50	152	669350	37.72	ng		99
49) Dimethylphthalate	9.37	163	525116	42.05	ng		100
50) 2,6-Dinitrotoluene	9.44	165	116970	40.90	ng	#	75
51) Acenaphthene	9.67	154	412004	37.22	ng		99
52) 3-Nitroaniline	9.61	138	122333	37.07	ng		94
53) 2,4-Dinitrophenol	9.72	184	39425	31.05	ng		92
54) Dibenzofuran	9.84	168	575922	37.78	ng	#	90
55) 4-Nitrophenol	9.83	139	131099m	51.18	ng		
56) 2,4-Dinitrotoluene	9.85	165	135859	36.96	ng		93
57) Fluorene	10.18	166	445490	43.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	102910	36.51	ng	#	56
59) Diethylphthalate	10.07	149	498688	39.45	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	179725	35.45	ng		92
61) 4-Nitroaniline	10.23	138	117778	37.63	ng		99
62) Azobenzene	10.33	77	454080	36.33	ng		96
64) 4,6-Dinitro-2-methylphenol	10.25	198	45315	26.38	ng		95
65) n-Nitrosodiphenylamine	10.30	169	388743	40.93	ng		100
66) 4-Bromophenyl-phenylether	10.66	248	127537	41.53	ng		97
67) Hexachlorobenzene	10.72	284	123017	38.55	ng		99
68) Atrazine	10.83	200	120156	41.78	ng		92
69) Pentachlorophenol	10.92	266	71539	42.53	ng		97
70) Phenanthrene	11.13	178	583154	38.82	ng		99
71) Anthracene	11.19	178	622919	41.11	ng		98
72) Carbazole	11.35	167	545274	38.46	ng		100
73) Di-n-butylphthalate	11.68	149	732620	40.82	ng		99
74) Fluoranthene	12.31	202	519978	32.80	ng		97
76) Benzidine	12.45	184	189939	37.43	ng		99
77) Pyrene	12.54	202	526262	38.70	ng		99
79) Butylbenzylphthalate	13.17	149	265721	44.19	ng		96
80) Benzo(a)anthracene	13.73	228	410185	39.28	ng		98
81) 3,3'-Dichlorobenzidine	13.69	252	132325	47.12	ng	#	98
82) Chrysene	13.76	228	434103	44.18	ng		98
83) Bis(2-ethylhexyl)phthalate	13.73	149	320580	43.80	ng	#	98
84) Di-n-octyl phthalate	14.33	149	571106	48.02	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.34	276	402779	44.12	ng	#	100
87) Benzo(b)fluoranthene	14.72	252	594655m	43.70	ng		
88) Benzo(k)fluoranthene	14.75	252	280518m	27.33	ng		
89) Benzo(a)pyrene	15.04	252	427644	38.84	ng	#	96
90) Dibenzo(a,h)anthracene	16.34	278	342862	33.53	ng		98
91) Benzo(g,h,i)perylene	16.72	276	339232	32.25	ng		97

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

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