Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090836.D
Acq On : 26 Oct 2016 12:06
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
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10/27/2016 3:44:22 PM

Quant Time: Oct 26 13:59:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 13:46:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	190728	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	819867	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	457204	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	765253	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	673275	20.00	ng		-0.01
86) Perylene-d12	15.37	264	633446	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	222835	18.84	ng		0.00
7) Phenol-d6	6.42	99	310466	19.38	ng		-0.01
23) Nitrobenzene-d5	7.36	82	260443	17.42	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	90033	24.88	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	585467	19.88	ng		-0.01
78) Terphenyl-d14	12.90	244	649530	22.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	61715	9.02	ng	#	71
3) Pyridine	3.07	79	144145	8.99	ng	#	73
4) n-Nitrosodimethylamine	3.00	42	37006	6.75	ng	#	76
6) Aniline	6.44	93	180295	9.93	ng	#	66
8) 2-Chlorophenol	6.57	128	147587	10.40	ng		96
9) Benzaldehyde	6.33	77	81459	9.30	ng	#	78
10) Phenol	6.43	94	165914	9.21	ng		75
11) bis(2-Chloroethyl)ether	6.52	93	146664	9.69	ng		87
12) 1,3-Dichlorobenzene	6.73	146	144723	10.15	ng	#	96
13) 1,4-Dichlorobenzene	6.81	146	154616	10.22	ng	#	95
14) 1,2-Dichlorobenzene	6.96	146	154548m	10.44	ng		
15) Benzyl Alcohol	6.93	79	102469	9.42	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.07	45	149454	6.60	ng		62
17) 2-Methylphenol	7.05	107	107778	10.08	ng	#	86
18) Hexachloroethane	7.30	117	56309	9.17	ng	#	88
19) n-Nitroso-di-n-propylamine	7.20	70	99041	8.30	ng	#	68
20) 3+4-Methylphenols	7.21	107	132866	10.48	ng	#	78
22) Acetophenone	7.20	105	185342	10.14	ng	#	83
24) Nitrobenzene	7.37	77	139236	8.59	ng	#	68
25) Isophorone	7.61	82	250115	8.84	ng	#	87
26) 2-Nitrophenol	7.69	139	67973	10.27	ng	#	56
27) 2,4-Dimethylphenol	7.73	122	114984	9.80	ng	#	81
28) bis(2-Chloroethoxy)methane	7.82	93	140462	9.07	ng	#	93
29) 2,4-Dichlorophenol	7.94	162	107856	11.20	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	131891	11.63	ng		98
31) Naphthalene	8.10	128	429323	10.70	ng		98
32) Benzoic acid	7.84	122	63682	14.03	ng	#	76
33) 4-Chloroaniline	8.16	127	148418	9.98	ng	#	98
34) Hexachlorobutadiene	8.22	225	72192	11.32	ng		98
35) Caprolactam	8.49	113	33485	12.17	ng		98
36) 4-Chloro-3-methylphenol	8.64	107	121543	10.85	ng		91
37) 2-Methylnaphthalene	8.78	142	264823	11.30	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	134927	10.93	ng		98
40) Hexachlorocyclopentadiene	8.94	237	52210	9.01	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	86180	11.26	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	82713	10.65	ng	#	89
45) 1,1'-Biphenyl	9.25	154	378409	10.54	ng		97
46) 2-Chloronaphthalene	9.28	162	281323	10.54	ng		95
47) 2-Nitroaniline	9.38	65	70017	7.90	ng		94
48) Acenaphthylene	9.69	152	458099	11.25	ng		97
49) Dimethylphthalate	9.55	163	315170	10.97	ng	#	97
50) 2,6-Dinitrotoluene	9.62	165	73537	11.90	ng	#	93
51) Acenaphthene	9.86	154	279503	10.34	ng		88
52) 3-Nitroaniline	9.79	138	67171	9.46	ng	#	79
53) 2,4-Dinitrophenol	9.89	184	28418	15.32	ng	#	65
54) Dibenzofuran	10.03	168	358762	10.96	ng	#	86
55) 4-Nitrophenol	9.96	139	32622	12.86	ng	#	68
56) 2,4-Dinitrotoluene	10.02	165	93287	12.35	ng	#	93
57) Fluorene	10.37	166	314799	11.60	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.16	232	78151m	12.82	ng		
59) Diethylphthalate	10.26	149	327556	10.99	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	159046	12.82	ng		93
61) 4-Nitroaniline	10.40	138	76813	10.68	ng	#	58
62) Azobenzene	10.53	77	370867	10.63	ng		86
64) 4,6-Dinitro-2-methylphenol	10.43	198	42108	12.05	ng	#	64
65) n-Nitrosodiphenylamine	10.49	169	252478	10.30	ng		91
66) 4-Bromophenyl-phenylether	10.86	248	83757	11.29	ng		94
67) Hexachlorobenzene	10.92	284	91898	10.50	ng	#	78
68) Atrazine	11.01	200	77096	11.39	ng		82
69) Pentachlorophenol	11.13	266	43099	12.48	ng		97
70) Phenanthrene	11.33	178	428349	10.98	ng		96
71) Anthracene	11.39	178	463935	10.73	ng		98
72) Carbazole	11.55	167	388731	10.75	ng		97
73) Di-n-butylphthalate	11.88	149	538096	11.47	ng	#	99
74) Fluoranthene	12.52	202	475840	12.61	ng		94
76) Benzidine	12.65	184	181720	12.16	ng		97
77) Pyrene	12.75	202	490861	10.44	ng		96
79) Butylbenzylphthalate	13.38	149	220513	10.20	ng		95
80) Benzo(a)anthracene	13.94	228	417372	11.33	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	148064	11.60	ng		97
82) Chrysene	13.97	228	400382	11.13	ng		96
83) Bis(2-ethylhexyl)phthalate	13.94	149	333672	10.79	ng	#	89
84) Di-n-octyl phthalate	14.56	149	543962	11.59	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.73	276	385664	12.29	ng	#	92
87) Benzo(b)fluoranthene	14.97	252	388792	9.98	ng	#	87
88) Benzo(k)fluoranthene	14.99	252	343387m	8.77	ng		
89) Benzo(a)pyrene	15.31	252	368187	10.08	ng	#	86
90) Dibenzo(a,h)anthracene	16.74	278	330727	9.43	ng	#	85
91) Benzo(g,h,i)perylene	17.14	276	319076	9.38	ng	#	76

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

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