Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090839.D
Acq On : 26 Oct 2016 13:27
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
sohil
10/27/2016 3:45:49 PM

Quant Time: Oct 26 16:22:22 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	6.80	152	204123	20.00	ng		0.01
21) Naphthalene-d8	8.08	136	901253	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	486119	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	790366	20.00	ng		0.00
75) Chrysene-d12	13.96	240	745119	20.00	ng		0.00
86) Perylene-d12	15.37	264	570401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1143145	90.32	ng		0.00
7) Phenol-d6	6.44	99	1590585	92.78	ng		0.01
23) Nitrobenzene-d5	7.37	82	1241583	75.56	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	474197	123.24	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	2410276	76.97	ng		0.00
78) Terphenyl-d14	12.91	244	2560227	78.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	271134	37.02	ng	#	71
3) Pyridine	3.04	79	763012	44.46	ng	#	68
4) n-Nitrosodimethylamine	3.00	42	218425	37.20	ng	#	52
6) Aniline	6.45	93	926394	47.66	ng	#	13
8) 2-Chlorophenol	6.58	128	717227	47.21	ng		98
9) Benzaldehyde	6.34	77	385599	41.14	ng	#	84
10) Phenol	6.45	94	895227	46.45	ng	#	42
11) bis(2-Chloroethyl)ether	6.53	93	707131	43.67	ng		91
12) 1,3-Dichlorobenzene	6.73	146	699840m	45.86	ng		
13) 1,4-Dichlorobenzene	6.81	146	727125m	44.92	ng		
14) 1,2-Dichlorobenzene	6.97	146	691285	43.62	ng		99
15) Benzyl Alcohol	6.94	79	481280	41.33	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.07	45	647569	26.70	ng	#	44
17) 2-Methylphenol	7.06	107	500831	43.75	ng	#	85
18) Hexachloroethane	7.30	117	255092	38.82	ng		88
19) n-Nitroso-di-n-propylamine	7.22	70	382313	29.95	ng	#	70
20) 3+4-Methylphenols	7.22	107	597835	44.06	ng	#	79
22) Acetophenone	7.21	105	798426	39.75	ng	#	84
24) Nitrobenzene	7.38	77	628603	35.29	ng	#	70
25) Isophorone	7.63	82	1419557	45.64	ng	#	93
26) 2-Nitrophenol	7.70	139	430192	59.11	ng	#	77
27) 2,4-Dimethylphenol	7.74	122	639003	49.52	ng	#	82
28) bis(2-Chloroethoxy)methane	7.84	93	774920	45.54	ng	#	93
29) 2,4-Dichlorophenol	7.94	162	570087	53.83	ng		90
30) 1,2,4-Trichlorobenzene	8.02	180	646218	51.85	ng		96
31) Naphthalene	8.10	128	1859111	42.17	ng		97
32) Benzoic acid	7.90	122	493854	53.30	ng	#	67
33) 4-Chloroaniline	8.16	127	806482	49.33	ng	#	92
34) Hexachlorobutadiene	8.22	225	412851	58.92	ng		100
35) Caprolactam	8.54	113	166245	54.96	ng	#	82
36) 4-Chloro-3-methylphenol	8.65	107	590997	47.98	ng		89
37) 2-Methylnaphthalene	8.80	142	1281952	49.75	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	659475	50.24	ng	#	98
40) Hexachlorocyclopentadiene	8.94	237	308104	50.00	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	429432	52.75	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	441071m	53.39	ng		
45) 1,1'-Biphenyl	9.26	154	1764816	46.23	ng		94
46) 2-Chloronaphthalene	9.29	162	1345634	47.42	ng		92
47) 2-Nitroaniline	9.38	65	360081	38.23	ng	#	76
48) Acenaphthylene	9.70	152	1876799	43.35	ng		94
49) Dimethylphthalate	9.57	163	1516017	49.63	ng	#	98
50) 2,6-Dinitrotoluene	9.63	165	358306	54.55	ng	#	78
51) Acenaphthene	9.87	154	1250405	43.50	ng		87
52) 3-Nitroaniline	9.80	138	407858	54.02	ng	#	76
53) 2,4-Dinitrophenol	9.90	184	204272	61.57	ng	#	88
54) Dibenzofuran	10.04	168	1607412	46.17	ng	#	86
55) 4-Nitrophenol	9.96	139	235000	52.84	ng	#	48
56) 2,4-Dinitrotoluene	10.03	165	403735	50.29	ng	#	84
57) Fluorene	10.38	166	1268120	43.95	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.17	232	385263	59.43	ng		93
59) Diethylphthalate	10.27	149	1582347	49.94	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	633562	48.05	ng	#	84
61) 4-Nitroaniline	10.42	138	396571	51.85	ng	#	60
62) Azobenzene	10.53	77	1409460	37.99	ng		85
64) 4,6-Dinitro-2-methylphenol	10.44	198	264023	51.96	ng		88
65) n-Nitrosodiphenylamine	10.50	169	1100700	43.47	ng		90
66) 4-Bromophenyl-phenylether	10.86	248	410212	53.54	ng		98
67) Hexachlorobenzene	10.93	284	522788	57.82	ng	#	83
68) Atrazine	11.04	200	372418	53.29	ng		86
69) Pentachlorophenol	11.13	266	302414	59.01	ng		99
70) Phenanthrene	11.34	178	1863409	46.25	ng		95
71) Anthracene	11.40	178	1999050	44.74	ng		97
72) Carbazole	11.55	167	1670366	44.72	ng	#	93
73) Di-n-butylphthalate	11.89	149	2218483	45.79	ng		99
74) Fluoranthene	12.53	202	2162548	55.49	ng		89
76) Benzidine	12.66	184	766241	46.31	ng	#	94
77) Pyrene	12.76	202	2183243m	41.95	ng		
79) Butylbenzylphthalate	13.38	149	991178	41.43	ng	#	83
80) Benzo(a)anthracene	13.95	228	1843271	45.20	ng		95
81) 3,3'-Dichlorobenzidine	13.92	252	690735	48.88	ng	#	95
82) Chrysene	13.99	228	1619674m	40.70	ng		
83) Bis(2-ethylhexyl)phthalate	13.95	149	1262199	36.88	ng		99
84) Di-n-octyl phthalate	14.56	149	1918146	36.93	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.75	276	1503774	43.31	ng	#	89
87) Benzo(b)fluoranthene	14.98	252	1978822m	56.42	ng		
88) Benzo(k)fluoranthene	15.00	252	1324801m	37.59	ng		
89) Benzo(a)pyrene	15.32	252	1620576	49.25	ng	#	84
90) Dibenzo(a,h)anthracene	16.76	278	1298780	41.11	ng	#	81
91) Benzo(g,h,i)perylene	17.16	276	1193039	38.93	ng	#	78

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

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