Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
Data File : BF092121.D
Acq On : 6 Jan 2017 17:11
Operator : UM/SJ
Sample : I1025-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MS

Manual Integrations APPROVED
Sohil
1/9/2017 10:47:42 AM

Quant Time: Jan 06 18:25:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	178013	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	683142	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	361331	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	596469	20.00	ng		0.00
75) Chrysene-d12	13.78	240	433854	20.00	ng		0.00
86) Perylene-d12	15.15	264	314503	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1486291	139.41	ng		0.02
7) Phenol-d6	6.31	99	1877774	144.26	ng		0.00
23) Nitrobenzene-d5	7.21	82	1109111	90.28	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	391068	130.78	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1779889	103.78	ng		0.00
78) Terphenyl-d14	12.74	244	1818846	101.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	229391	43.70	ng	#	84
3) Pyridine	2.88	79	535310m	29.22	ng		
4) n-Nitrosodimethylamine	2.81	42	287190	41.56	ng		97
6) Aniline	6.31	93	175150	10.36	ng	#	70
8) 2-Chlorophenol	6.44	128	623205	51.39	ng		92
9) Benzaldehyde	6.18	77	35867	3.47	ng	#	81
10) Phenol	6.32	94	701822	47.32	ng	#	75
11) bis(2-Chloroethyl)ether	6.39	93	641659	54.37	ng		97
12) 1,3-Dichlorobenzene	6.58	146	564322	43.59	ng		97
13) 1,4-Dichlorobenzene	6.66	146	571156	43.34	ng		93
14) 1,2-Dichlorobenzene	6.81	146	531731	46.51	ng		99
15) Benzyl Alcohol	6.80	79	452836	44.77	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	790595	44.98	ng		79
17) 2-Methylphenol	6.93	107	447706	45.90	ng		94
18) Hexachloroethane	7.16	117	194161	39.74	ng		98
19) n-Nitroso-di-n-propylamine	7.08	70	424756	49.05	ng		90
20) 3+4-Methylphenols	7.09	107	592551	50.94	ng	#	72
22) Acetophenone	7.06	105	797618	47.34	ng	#	91
24) Nitrobenzene	7.24	77	614455	46.96	ng		91
25) Isophorone	7.48	82	1048264	46.25	ng		97
26) 2-Nitrophenol	7.56	139	281977	43.70	ng	#	80
27) 2,4-Dimethylphenol	7.61	122	457128	42.71	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	652049	47.44	ng		99
29) 2,4-Dichlorophenol	7.81	162	436727	48.19	ng		97
30) 1,2,4-Trichlorobenzene	7.88	180	448230	45.13	ng		97
31) Naphthalene	7.96	128	1492535	47.74	ng		99
32) Benzoic acid	7.75	122	318598	40.14	ng		97
33) 4-Chloroaniline	8.01	127	74548	5.29	ng		96
34) Hexachlorobutadiene	8.07	225	229286	43.74	ng		97
35) Caprolactam	8.38	113	120713m	40.53	ng		
36) 4-Chloro-3-methylphenol	8.52	107	496086	47.57	ng		99
37) 2-Methylnaphthalene	8.64	142	954840	54.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	440445	48.25	ng		100
40) Hexachlorocyclopentadiene	8.80	237	378075	92.35	ng		98

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Quant Time: Jan 06 18:25:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	277284	43.43	ng		98
43) 2,4,5-Trichlorophenol	8.98	196	304687	46.37	ng	#	86
45) 1,1'-Biphenyl	9.11	154	1272458	51.43	ng		98
46) 2-Chloronaphthalene	9.13	162	957713	48.88	ng		98
47) 2-Nitroaniline	9.24	65	318089	45.60	ng		91
48) Acenaphthylene	9.54	152	1480898	49.15	ng		98
49) Dimethylphthalate	9.42	163	1042072	45.09	ng		98
50) 2,6-Dinitrotoluene	9.48	165	222874	44.06	ng	#	72
51) Acenaphthene	9.72	154	932541	45.65	ng		99
52) 3-Nitroaniline	9.65	138	40954	6.54	ng		81
53) 2,4-Dinitrophenol	9.76	184	285439	101.42	ng	#	89
54) Dibenzofuran	9.89	168	1258164	45.61	ng		98
55) 4-Nitrophenol	9.84	139	308030	72.47	ng	#	75
56) 2,4-Dinitrotoluene	9.89	165	319222	50.28	ng		90
57) Fluorene	10.23	166	999250	49.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	264495	50.90	ng		98
59) Diethylphthalate	10.12	149	1042190	46.44	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	402490	45.80	ng		99
61) 4-Nitroaniline	10.26	138	246566	38.01	ng		86
62) Azobenzene	10.38	77	1207984	48.89	ng		98
64) 4,6-Dinitro-2-methylphenol	10.29	198	172586	47.85	ng	#	47
65) n-Nitrosodiphenylamine	10.34	169	845347	47.76	ng		100
66) 4-Bromophenyl-phenylether	10.71	248	309303	49.85	ng	#	88
67) Hexachlorobenzene	10.77	284	292806	44.15	ng	#	78
68) Atrazine	10.88	200	284875	49.90	ng		97
69) Pentachlorophenol	10.97	266	312425	96.01	ng		99
70) Phenanthrene	11.18	178	1379899	42.66	ng		99
71) Anthracene	11.24	178	1616257	68.35	ng		98
72) Carbazole	11.40	167	1437027	Below Cal			98
73) Di-n-butylphthalate	11.73	149	1601265	52.98	ng		99
74) Fluoranthene	12.37	202	1487067	53.10	ng		90
76) Benzidine	12.49	184	77505	3.86	ng		96
77) Pyrene	12.58	202	1354745	42.56	ng		99
79) Butylbenzylphthalate	13.22	149	801918	55.39	ng	#	79
80) Benzo(a)anthracene	13.77	228	1281493	52.33	ng		100
81) 3,3'-Dichlorobenzidine	13.74	252	173155	18.65	ng		99
82) Chrysene	13.81	228	1001694	40.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	932981	54.72	ng	#	98
84) Di-n-octyl phthalate	14.39	149	1407481	44.56	ng		99
85) Indeno(1,2,3-cd)pyrene	16.43	276	929296	43.67	ng		99
87) Benzo(b)fluoranthene	14.78	252	1236346m	63.14	ng		
88) Benzo(k)fluoranthene	14.80	252	932556m	55.85	ng		
89) Benzo(a)pyrene	15.10	252	881614	50.73	ng	#	96
90) Dibenzo(a,h)anthracene	16.44	278	755335	52.88	ng		96
91) Benzo(g,h,i)perylene	16.80	276	800255	53.88	ng		98

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

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