Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
Data File : BF086981.D
Acq On : 13 May 2016 20:24
Operator : UM/SJ
Sample : H3026-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WELDON-WC-SC-019MSD

Manual Integrations APPROVED
sohil
5/14/2016 10:00:33 AM

Quant Time: May 16 12:50:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	145286	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	585381	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	277041	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	542824	20.00	ng		0.00
75) Chrysene-d12	13.76	240	391006	20.00	ng		0.00
86) Perylene-d12	15.11	264	319017	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1031112	120.19	ng		0.01
7) Phenol-d6	6.28	99	1291728	112.66	ng		0.00
23) Nitrobenzene-d5	7.19	82	921928	79.08	ng		-0.01
41) 2,4,6-Tribromophenol	10.44	330	390699	133.21	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	1390276	84.34	ng		0.00
78) Terphenyl-d14	12.72	244	1470352	79.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	123778	29.39	ng	#	64
3) Pyridine	2.75	79	365414	35.49	ng	#	66
4) n-Nitrosodimethylamine	2.71	42	310058	41.53	ng	#	48
6) Aniline	6.28	93	376209	27.13	ng	#	56
8) 2-Chlorophenol	6.40	128	385891	37.28	ng	#	73
9) Benzaldehyde	6.16	77	34797	5.24	ng		94
10) Phenol	6.30	94	581811	42.69	ng		79
11) bis(2-Chloroethyl)ether	6.36	93	445370	41.91	ng		94
12) 1,3-Dichlorobenzene	6.55	146	404752m	36.13	ng		
13) 1,4-Dichlorobenzene	6.63	146	419939m	36.76	ng		
14) 1,2-Dichlorobenzene	6.79	146	387757	38.94	ng		97
15) Benzyl Alcohol	6.78	79	358415	45.27	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.90	45	841724	36.43	ng	#	47
17) 2-Methylphenol	6.90	107	335330	40.71	ng	#	82
18) Hexachloroethane	7.12	117	160327	37.30	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	341706	42.64	ng	#	79
20) 3+4-Methylphenols	7.06	107	449715	41.80	ng	#	60
22) Acetophenone	7.04	105	599663	43.37	ng		98
24) Nitrobenzene	7.21	77	513238	42.80	ng		96
25) Isophorone	7.45	82	855803	39.57	ng		99
26) 2-Nitrophenol	7.53	139	219305	41.60	ng		96
27) 2,4-Dimethylphenol	7.59	122	364107	40.55	ng		95
28) bis(2-Chloroethoxy)methane	7.67	93	518587	44.45	ng		98
29) 2,4-Dichlorophenol	7.78	162	326967	41.37	ng		93
30) 1,2,4-Trichlorobenzene	7.85	180	370490	41.92	ng		99
31) Naphthalene	7.92	128	1144585	39.04	ng		99
33) 4-Chloroaniline	7.99	127	270450	23.74	ng	#	95
34) Hexachlorobutadiene	8.04	225	207396	40.45	ng		99
35) Caprolactam	8.36	113	90599m	33.69	ng		
36) 4-Chloro-3-methylphenol	8.49	107	404399	42.19	ng		93
37) 2-Methylnaphthalene	8.62	142	795391	46.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	328144	40.74	ng		99
40) Hexachlorocyclopentadiene	8.76	237	283285	74.09	ng		98
42) 2,4,6-Trichlorophenol	8.90	196	205598	38.17	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	220470	39.58	ng		92
45) 1,1'-Biphenyl	9.08	154	1010586	45.86	ng		99
46) 2-Chloronaphthalene	9.11	162	736957	42.69	ng		99
47) 2-Nitroaniline	9.21	65	285964	45.32	ng	#	75
48) Acenaphthylene	9.52	152	1119173	44.07	ng		99
49) Dimethylphthalate	9.39	163	939781	44.46	ng		100
50) 2,6-Dinitrotoluene	9.45	165	186961	42.03	ng	#	65
51) Acenaphthene	9.69	154	694257	43.95	ng		98
52) 3-Nitroaniline	9.62	138	155568	33.22	ng	#	79
53) 2,4-Dinitrophenol	9.74	184	22889	16.79	ng	#	79
54) Dibenzofuran	9.86	168	979278	48.29	ng		98
55) 4-Nitrophenol	9.82	139	242240	77.72	ng	#	64
56) 2,4-Dinitrotoluene	9.86	165	258187	46.90	ng		90
57) Fluorene	10.19	166	730846	42.26	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	195426	46.60	ng		95
59) Diethylphthalate	10.09	149	862244	41.86	ng		97
60) 4-Chlorophenyl-phenylether	10.19	204	337521	44.82	ng		97
61) 4-Nitroaniline	10.24	138	200078	44.49	ng	#	70
62) Azobenzene	10.35	77	1015292	45.69	ng		87
64) 4,6-Dinitro-2-methylphenol	10.27	198	92760	27.51	ng		91
65) n-Nitrosodiphenylamine	10.32	169	693665	41.60	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	228973	41.60	ng	#	80
67) Hexachlorobenzene	10.74	284	248800	38.68	ng	#	76
68) Atrazine	10.86	200	248309	44.57	ng		94
69) Pentachlorophenol	10.95	266	203885	68.59	ng		96
70) Phenanthrene	11.15	178	1154208	39.84	ng		100
71) Anthracene	11.20	178	1206663	40.73	ng		100
72) Carbazole	11.37	167	1154798	45.34	ng		99
73) Di-n-butylphthalate	11.70	149	1233727	39.67	ng	#	98
74) Fluoranthene	12.33	202	1133389	38.04	ng		99
76) Benzidine	12.47	184	432382	43.38	ng		95
77) Pyrene	12.56	202	1158185	38.69	ng		99
79) Butylbenzylphthalate	13.19	149	517834	40.90	ng	#	68
80) Benzo(a)anthracene	13.75	228	912607	41.58	ng		98
81) 3,3'-Dichlorobenzidine	13.71	252	196075	14.06	ng		99
82) Chrysene	13.78	228	874466	39.16	ng		98
83) Bis(2-ethylhexyl)phthalate	13.75	149	615782	40.43	ng	#	94
84) Di-n-octyl phthalate	14.37	149	1021504	40.49	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.37	276	809189	43.56	ng		95
87) Benzo(b)fluoranthene	14.74	252	1043476m	50.33	ng		
88) Benzo(k)fluoranthene	14.78	252	518434m	30.54	ng		
89) Benzo(a)pyrene	15.06	252	738067	41.27	ng		99
90) Dibenzo(a,h)anthracene	16.38	278	675693	44.83	ng	#	92
91) Benzo(g,h,i)perylene	16.73	276	708191	46.24	ng		95

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

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