Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086732.D
Acq On : 6 May 2016 19:06
Operator : UM/SJ
Sample : H2802-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1MSD

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:18 PM

Quant Time: May 09 15:38:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 03:18:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172798	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	691878	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	308728	40.00	ng		0.00
63) Phenanthrene-d10	11.23	188	550779	40.00	ng		0.00
75) Chrysene-d12	13.86	240	383068	40.00	ng		0.00
86) Perylene-d12	15.23	264	313208	40.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	697616	66.84	ng		0.00
7) Phenol-d6	6.38	99	575834	40.95	ng		0.00
23) Nitrobenzene-d5	7.29	82	1305649	96.97	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	470814	155.89	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	2024050	107.47	ng		0.00
78) Terphenyl-d14	12.81	244	1286602	67.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	91330	16.93	ng	#	76
3) Pyridine	3.14	79	181996m	13.76	ng		
4) n-Nitrosodimethylamine	2.96	42	162664	20.27	ng	#	52
6) Aniline	6.38	93	304249	17.53	ng	#	83
8) 2-Chlorophenol	6.51	128	484214	38.66	ng		94
9) Benzaldehyde	6.26	77	112803	16.08	ng		96
10) Phenol	6.40	94	244069	15.87	ng	#	61
11) bis(2-Chloroethyl)ether	6.45	93	569981	43.05	ng		83
12) 1,3-Dichlorobenzene	6.65	146	601816	45.25	ng	#	94
13) 1,4-Dichlorobenzene	6.73	146	611567	44.47	ng		96
14) 1,2-Dichlorobenzene	6.88	146	511549m	42.72	ng		
15) Benzyl Alcohol	6.88	79	320893	35.28	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1166171	43.08	ng		80
17) 2-Methylphenol	7.00	107	316795	31.41	ng	#	69
18) Hexachloroethane	7.22	117	238011	45.84	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	466449	48.55	ng	#	67
20) 3+4-Methylphenols	7.16	107	374688	31.73	ng	#	61
22) Acetophenone	7.14	105	886543	54.99	ng		100
24) Nitrobenzene	7.31	77	734108	52.74	ng		93
25) Isophorone	7.56	82	1215720	48.49	ng		99
26) 2-Nitrophenol	7.62	139	295378	47.56	ng	#	69
27) 2,4-Dimethylphenol	7.68	122	440690	40.41	ng		87
28) bis(2-Chloroethoxy)methane	7.77	93	778649	56.42	ng		98
29) 2,4-Dichlorophenol	7.87	162	439375	46.86	ng		94
30) 1,2,4-Trichlorobenzene	7.94	180	499337	47.73	ng		97
31) Naphthalene	8.02	128	1581145	44.73	ng		98
32) Benzoic acid	7.82	122	154927	38.44	ng	#	79
33) 4-Chloroaniline	8.09	127	239851	17.51	ng		96
34) Hexachlorobutadiene	8.13	225	278226	46.85	ng		99
35) Caprolactam	8.53	113	19428	6.69	ng	#	43
36) 4-Chloro-3-methylphenol	8.58	107	428059	40.01	ng		91
37) 2-Methylnaphthalene	8.72	142	1101016	52.79	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	430101	48.13	ng	#	95
40) Hexachlorocyclopentadiene	8.86	237	545612	128.44	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	309436	54.45	ng		94
43) 2,4,5-Trichlorophenol	9.06	196	306777	51.68	ng		95
45) 1,1'-Biphenyl	9.17	154	1215168	48.14	ng		95
46) 2-Chloronaphthalene	9.20	162	913387	46.89	ng	#	92
47) 2-Nitroaniline	9.31	65	340200	49.13	ng	#	75
48) Acenaphthylene	9.61	152	1410160	48.77	ng		99
49) Dimethylphthalate	9.49	163	1077115	46.80	ng		99
50) 2,6-Dinitrotoluene	9.55	165	225214	45.60	ng	#	78
51) Acenaphthene	9.78	154	896750	47.02	ng		99
52) 3-Nitroaniline	9.73	138	128778	22.93	ng	#	94
53) 2,4-Dinitrophenol	9.84	184	300419	115.38	ng	#	80
54) Dibenzofuran	9.96	168	1316215	55.67	ng		99
55) 4-Nitrophenol	9.92	139	107609m	32.87	ng		
56) 2,4-Dinitrotoluene	9.95	165	268746	43.91	ng	#	64
57) Fluorene	10.29	166	875912	45.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	269226	61.75	ng		100
59) Diethylphthalate	10.19	149	1187673	54.52	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	473405	51.97	ng		91
61) 4-Nitroaniline	10.34	138	108135	20.04	ng	#	71
62) Azobenzene	10.45	77	1406922	58.28	ng		87
64) 4,6-Dinitro-2-methylphenol	10.36	198	201370	64.61	ng	#	79
65) n-Nitrosodiphenylamine	10.42	169	916392	52.40	ng		98
66) 4-Bromophenyl-phenylether	10.78	248	283094	51.72	ng	#	76
67) Hexachlorobenzene	10.84	284	339758	50.90	ng	#	86
68) Atrazine	10.96	200	284280	53.04	ng		95
69) Pentachlorophenol	11.05	266	367983	111.16	ng		98
70) Phenanthrene	11.25	178	1323473	44.74	ng		99
71) Anthracene	11.31	178	1529564	49.37	ng		100
72) Carbazole	11.47	167	1274659	47.38	ng		98
73) Di-n-butylphthalate	11.80	149	1533119	48.00	ng	#	98
74) Fluoranthene	12.43	202	1415678	47.75	ng		99
77) Pyrene	12.66	202	1339743	43.87	ng		99
79) Butylbenzylphthalate	13.29	149	607209	47.47	ng	#	66
80) Benzo(a)anthracene	13.85	228	1077518	49.74	ng		99
82) Chrysene	13.88	228	887705	38.41	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	758245	51.22	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1349166	61.94	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.55	276	950264	47.92	ng		95
87) Benzo(b)fluoranthene	14.85	252	924152m	49.10	ng		
88) Benzo(k)fluoranthene	14.89	252	930015m	52.45	ng		
89) Benzo(a)pyrene	15.19	252	888995	51.28	ng		98
90) Dibenzo(a,h)anthracene	16.56	278	783557	47.05	ng		95
91) Benzo(g,h,i)perylene	16.93	276	819518	46.87	ng		95

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

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