Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086731.D
Acq On : 6 May 2016 18:37
Operator : UM/SJ
Sample : H2802-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1MS

Manual Integrations APPROVED
Sohil
5/9/2016 7:17:16 PM

Quant Time: May 09 15:37:34 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	182132	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	718506	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	317596	40.00	ng		0.00
63) Phenanthrene-d10	11.23	188	567070	40.00	ng		0.00
75) Chrysene-d12	13.86	240	393472	40.00	ng		0.00
86) Perylene-d12	15.24	264	324578	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	685952	62.35	ng		0.00
7) Phenol-d6	6.38	99	581825	39.26	ng		0.00
23) Nitrobenzene-d5	7.29	82	1297370	92.79	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	472460	152.07	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	2061484	106.40	ng		0.00
78) Terphenyl-d14	12.81	244	1440830	74.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	81025	14.25	ng	#	75
3) Pyridine	3.15	79	150600m	10.80	ng		
4) n-Nitrosodimethylamine	2.94	42	146598	17.33	ng	#	49
6) Aniline	6.38	93	189568	10.36	ng	#	55
8) 2-Chlorophenol	6.51	128	484552	36.70	ng		97
9) Benzaldehyde	6.26	77	97082	13.13	ng		98
10) Phenol	6.40	94	226510	13.97	ng		72
11) bis(2-Chloroethyl)ether	6.45	93	560765	40.18	ng		84
12) 1,3-Dichlorobenzene	6.65	146	600999	42.87	ng	#	95
13) 1,4-Dichlorobenzene	6.73	146	619566	42.74	ng		95
14) 1,2-Dichlorobenzene	6.88	146	504130	39.94	ng		94
15) Benzyl Alcohol	6.88	79	314270	32.78	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1187683	41.63	ng		80
17) 2-Methylphenol	7.00	107	314660	29.60	ng	#	69
18) Hexachloroethane	7.22	117	239623	43.79	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	465369	45.96	ng	#	68
20) 3+4-Methylphenols	7.16	107	366259	29.43	ng	#	60
22) Acetophenone	7.14	105	896761	53.56	ng		99
24) Nitrobenzene	7.31	77	756776	52.35	ng		93
25) Isophorone	7.56	82	1234655	47.42	ng	#	98
26) 2-Nitrophenol	7.62	139	296193	45.92	ng	#	69
27) 2,4-Dimethylphenol	7.68	122	433118	38.24	ng		86
28) bis(2-Chloroethoxy)methane	7.77	93	801625	55.93	ng		98
29) 2,4-Dichlorophenol	7.87	162	438601	45.04	ng		94
30) 1,2,4-Trichlorobenzene	7.94	180	502783	46.28	ng		95
31) Naphthalene	8.02	128	1605193	43.73	ng		98
32) Benzoic acid	7.82	122	147500	35.95	ng	#	76
33) 4-Chloroaniline	8.09	127	60401	4.25	ng	#	94
34) Hexachlorobutadiene	8.13	225	285059	46.22	ng		98
35) Caprolactam	8.53	113	20248	6.72	ng	#	21
36) 4-Chloro-3-methylphenol	8.58	107	440734	39.67	ng		92
37) 2-Methylnaphthalene	8.72	142	1133911	52.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	435920	47.42	ng	#	96
40) Hexachlorocyclopentadiene	8.86	237	557758	127.67	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	316334	54.11	ng		93
43) 2,4,5-Trichlorophenol	9.06	196	310368	50.82	ng		95
45) 1,1'-Biphenyl	9.17	154	1292832	49.79	ng		96
46) 2-Chloronaphthalene	9.20	162	954698	47.65	ng	#	92
47) 2-Nitroaniline	9.31	65	347756	48.82	ng	#	77
48) Acenaphthylene	9.61	152	1471576	49.47	ng		98
49) Dimethylphthalate	9.49	163	1172000	49.50	ng		98
50) 2,6-Dinitrotoluene	9.55	165	225605	44.40	ng	#	73
51) Acenaphthene	9.78	154	924038	47.09	ng		98
52) 3-Nitroaniline	9.72	138	119831	20.75	ng	#	76
53) 2,4-Dinitrophenol	9.84	184	312520	116.14	ng	#	80
54) Dibenzofuran	9.96	168	1347615	55.41	ng		100
55) 4-Nitrophenol	9.92	139	107937m	32.05	ng		
56) 2,4-Dinitrotoluene	9.95	165	284465	45.18	ng	#	57
57) Fluorene	10.29	166	933869	47.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	274496	61.20	ng		99
59) Diethylphthalate	10.19	149	1181830	52.74	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	481313	51.37	ng		93
61) 4-Nitroaniline	10.34	138	146744	26.44	ng	#	71
62) Azobenzene	10.45	77	1444027	58.15	ng		88
64) 4,6-Dinitro-2-methylphenol	10.36	198	195808	62.01	ng	#	69
65) n-Nitrosodiphenylamine	10.42	169	920466	51.12	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	290421	51.54	ng	#	76
67) Hexachlorobenzene	10.84	284	348366	50.69	ng	#	84
68) Atrazine	10.97	200	300987	54.55	ng		94
69) Pentachlorophenol	11.05	266	376485	110.50	ng		97
70) Phenanthrene	11.25	178	1372459	45.06	ng		99
71) Anthracene	11.31	178	1575281	49.39	ng		100
72) Carbazole	11.47	167	1293266	46.69	ng		98
73) Di-n-butylphthalate	11.80	149	1554620	47.28	ng	#	98
74) Fluoranthene	12.44	202	1489337	48.79	ng		90
77) Pyrene	12.66	202	1380892	44.02	ng		99
79) Butylbenzylphthalate	13.29	149	626785	47.70	ng	#	65
80) Benzo(a)anthracene	13.85	228	1119944	50.33	ng		99
82) Chrysene	13.88	228	943686	39.75	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	776447	51.07	ng	#	96
84) Di-n-octyl phthalate	14.45	149	1395733	62.38	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.55	276	982815	48.25	ng		95
87) Benzo(b)fluoranthene	14.85	252	968669m	49.67	ng		
88) Benzo(k)fluoranthene	14.89	252	1032073m	56.16	ng		
89) Benzo(a)pyrene	15.19	252	934089	51.99	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	802823	46.52	ng		97
91) Benzo(g,h,i)perylene	16.93	276	841515	46.45	ng		95

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

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