Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021716\
Data File : BF085092.D
Acq On : 17 Feb 2016 17:56
Operator : SJ/IZ
Sample : H1418-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP005MS

Manual Integrations APPROVED
Sohil
2/19/2016 7:57:15 AM

Quant Time: Feb 18 00:28:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 17 16:42:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	188239	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	756447	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	361909	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	745710	20.00	ng		0.00
75) Chrysene-d12	14.16	240	730502	20.00	ng		0.00
86) Perylene-d12	15.63	264	584395	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1614047	149.86	ng		0.02
7) Phenol-d6	6.62	99	2131054	157.38	ng		0.00
23) Nitrobenzene-d5	7.56	82	1403744	113.74	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	605243	157.53	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	2309484	94.30	ng		0.00
78) Terphenyl-d14	13.11	244	2504221	96.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	230580	45.24	ng		89
3) Pyridine	3.55	79	691924	52.69	ng		88
4) n-Nitrosodimethylamine	3.50	42	338194	53.68	ng		92
6) Aniline	6.66	93	271008	14.41	ng	#	69
8) 2-Chlorophenol	6.78	128	640896	51.61	ng		96
9) Benzaldehyde	6.54	77	165946	21.08	ng		85
10) Phenol	6.63	94	709099	48.44	ng	#	51
11) bis(2-Chloroethyl)ether	6.73	93	656770	53.15	ng		91
12) 1,3-Dichlorobenzene	6.94	146	680220	50.77	ng		97
13) 1,4-Dichlorobenzene	7.02	146	728085	53.51	ng		97
14) 1,2-Dichlorobenzene	7.16	146	621543	49.33	ng		97
15) Benzyl Alcohol	7.13	79	570247	57.36	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	976321	52.27	ng		94
17) 2-Methylphenol	7.24	107	580882	58.47	ng	#	84
18) Hexachloroethane	7.51	117	252760	52.13	ng	#	87
19) n-Nitroso-di-n-propylamine	7.42	70	510770	55.25	ng	#	80
20) 3+4-Methylphenols	7.39	107	657281	52.64	ng		94
22) Acetophenone	7.40	105	891253	47.29	ng	#	97
24) Nitrobenzene	7.58	77	666767	52.83	ng		98
25) Isophorone	7.82	82	1297267	50.30	ng		98
26) 2-Nitrophenol	7.90	139	345842	60.70	ng		92
27) 2,4-Dimethylphenol	7.93	122	659384	53.81	ng		93
28) bis(2-Chloroethoxy)methane	8.02	93	773112	50.55	ng		98
29) 2,4-Dichlorophenol	8.14	162	603852	57.19	ng		94
30) 1,2,4-Trichlorobenzene	8.22	180	603735	50.17	ng		99
31) Naphthalene	8.31	128	1912286	52.60	ng		98
32) Benzoic acid	7.99	122	42812	10.63	ng		94
33) 4-Chloroaniline	8.34	127	89917	5.76	ng		98
34) Hexachlorobutadiene	8.42	225	371346	51.04	ng		96
35) Caprolactam	8.72	113	177991m	56.39	ng		
36) 4-Chloro-3-methylphenol	8.82	107	590538	51.74	ng		97
37) 2-Methylnaphthalene	8.99	142	1253626	53.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	604429	49.08	ng		98
40) Hexachlorocyclopentadiene	9.15	237	702576	106.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	471220	60.24	ng		94
43) 2,4,5-Trichlorophenol	9.30	196	405564	52.62	ng		95
45) 1,1'-Biphenyl	9.46	154	1596851	51.58	ng		97
46) 2-Chloronaphthalene	9.48	162	1219089	53.52	ng		96
47) 2-Nitroaniline	9.58	65	389658	54.61	ng		86
48) Acenaphthylene	9.90	152	1756084	47.69	ng		97
49) Dimethylphthalate	9.76	163	1735188	65.32	ng	#	96
50) 2,6-Dinitrotoluene	9.82	165	310429	55.50	ng		96
51) Acenaphthene	10.07	154	1135469	50.02	ng		97
52) 3-Nitroaniline	9.98	138	105405	16.64	ng		84
53) 2,4-Dinitrophenol	10.09	184	166739	64.05	ng	#	56
54) Dibenzofuran	10.24	168	1634159	53.90	ng		99
55) 4-Nitrophenol	10.14	139	487638	97.11	ng		97
56) 2,4-Dinitrotoluene	10.22	165	369969	53.68	ng	#	80
57) Fluorene	10.58	166	1193797	47.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	377232	59.97	ng		96
59) Diethylphthalate	10.46	149	1322030	48.18	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	623334	48.29	ng		93
61) 4-Nitroaniline	10.59	138	289992	49.01	ng		96
62) Azobenzene	10.73	77	1433912	55.63	ng		96
64) 4,6-Dinitro-2-methylphenol	10.63	198	196944	52.67	ng	#	71
65) n-Nitrosodiphenylamine	10.70	169	1243662	52.88	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	417986	48.00	ng		94
67) Hexachlorobenzene	11.13	284	450698	49.26	ng		95
68) Atrazine	11.22	200	441418	65.15	ng		94
69) Pentachlorophenol	11.32	266	579442	104.41	ng		95
70) Phenanthrene	11.54	178	1834137	48.96	ng		97
71) Anthracene	11.60	178	1936568	51.21	ng		93
72) Carbazole	11.75	167	1768196	51.27	ng		97
73) Di-n-butylphthalate	12.08	149	2042173	51.90	ng		97
74) Fluoranthene	12.73	202	1931685	47.70	ng		92
76) Benzidine	12.84	184	317270	14.75	ng		97
77) Pyrene	12.96	202	1985869	45.15	ng		96
79) Butylbenzylphthalate	13.58	149	979901	56.06	ng	#	94
80) Benzo(a)anthracene	14.15	228	2041398	50.09	ng		95
81) 3,3'-Dichlorobenzidine	14.10	252	195918	13.00	ng		98
82) Chrysene	14.18	228	1430625	38.14	ng		94
83) Bis(2-ethylhexyl)phthalate	14.14	149	1260590	52.77	ng	#	95
84) Di-n-octyl phthalate	14.74	149	2075244	54.30	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	1601988	44.16	ng		99
87) Benzo(b)fluoranthene	15.20	252	1785101	47.91	ng	#	95
88) Benzo(k)fluoranthene	15.23	252	1765098m	58.83	ng		
89) Benzo(a)pyrene	15.57	252	1702477	53.77	ng	#	94
90) Dibenzo(a,h)anthracene	17.14	278	1317748	48.75	ng	#	94
91) Benzo(g,h,i)perylene	17.57	276	1275142	48.08	ng		99

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

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