Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085123.D
Acq On : 2 Mar 2016 17:01
Operator : SJ/IZ
Sample : H1620-05MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-05MS

Manual Integrations APPROVED
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3/3/2016 2:05:32 PM

Quant Time: Mar 03 12:49:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	186649	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	727216	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	343315	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	584191	20.00	ng		0.00
75) Chrysene-d12	14.16	240	389745	20.00	ng		0.00
86) Perylene-d12	15.64	264	403997	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	746840	64.96	ng		0.01
7) Phenol-d6	6.62	99	609149	40.42	ng		0.00
23) Nitrobenzene-d5	7.56	82	1352572	98.95	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	517614	150.03	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	2226987	95.53	ng		0.00
78) Terphenyl-d14	13.10	244	1544326	92.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	101571	17.83	ng		98
3) Pyridine	3.54	79	221613	15.16	ng		99
4) n-Nitrosodimethylamine	3.46	42	127722	19.20	ng		90
6) Aniline	6.65	93	530389	24.80	ng		99
8) 2-Chlorophenol	6.78	128	536273	40.47	ng		95
9) Benzaldehyde	6.54	77	70685	6.69	ng		93
10) Phenol	6.63	94	265714	15.76	ng		89
11) bis(2-Chloroethyl)ether	6.72	93	568711	42.54	ng		93
12) 1,3-Dichlorobenzene	6.94	146	602344m	42.32	ng		
13) 1,4-Dichlorobenzene	7.01	146	579547	39.95	ng		97
14) 1,2-Dichlorobenzene	7.17	146	601394	47.09	ng		97
15) Benzyl Alcohol	7.13	79	391365	35.62	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	870886	44.21	ng		100
17) 2-Methylphenol	7.25	107	364657	32.84	ng		96
18) Hexachloroethane	7.51	117	222131	41.42	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	452956	45.60	ng		95
20) 3+4-Methylphenols	7.40	107	384586	28.98	ng	#	73
22) Acetophenone	7.41	105	905548	49.50	ng	#	90
24) Nitrobenzene	7.58	77	762011	53.74	ng		95
25) Isophorone	7.82	82	1292654	49.44	ng		98
26) 2-Nitrophenol	7.90	139	318999	50.31	ng		94
27) 2,4-Dimethylphenol	7.93	122	532028	43.29	ng		98
28) bis(2-Chloroethoxy)methane	8.02	93	763477	52.95	ng		100
29) 2,4-Dichlorophenol	8.14	162	491377	48.60	ng		87
30) 1,2,4-Trichlorobenzene	8.22	180	518041	47.00	ng		98
31) Naphthalene	8.30	128	1621604	44.09	ng		100
32) Benzoic acid	8.00	122	97465	22.55	ng		99
33) 4-Chloroaniline	8.34	127	405819	27.92	ng		98
34) Hexachlorobutadiene	8.42	225	288029	45.05	ng		99
35) Caprolactam	8.72	113	23817	7.51	ng		89
36) 4-Chloro-3-methylphenol	8.82	107	486252	43.49	ng	#	84
37) 2-Methylnaphthalene	9.00	142	1216261	54.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	481805	45.57	ng		99
40) Hexachlorocyclopentadiene	9.14	237	413700	68.73	ng		98

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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	9.27	196	360779m	50.68	ng		
43) 2,4,5-Trichlorophenol	9.30	196	360695m	52.88	ng		
45) 1,1'-Biphenyl	9.45	154	1373218	45.06	ng		96
46) 2-Chloronaphthalene	9.49	162	1125337	50.63	ng		98
47) 2-Nitroaniline	9.58	65	371427	53.23	ng		97
48) Acenaphthylene	9.90	152	1540016	46.62	ng		99
49) Dimethylphthalate	9.76	163	1537890	60.42	ng		99
50) 2,6-Dinitrotoluene	9.82	165	284953	53.98	ng		98
51) Acenaphthene	10.07	154	1070960	51.64	ng		99
52) 3-Nitroaniline	9.98	138	135848	21.66	ng		81
53) 2,4-Dinitrophenol	10.09	184	215758	81.01	ng	#	1
54) Dibenzofuran	10.24	168	1383841	51.40	ng		99
55) 4-Nitrophenol	10.14	139	160009	33.26	ng	#	80
56) 2,4-Dinitrotoluene	10.22	165	341294	47.98	ng		99
57) Fluorene	10.58	166	1041155	49.17	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.36	232	289431	56.01	ng		99
59) Diethylphthalate	10.46	149	1257486	51.55	ng		100
60) 4-Chlorophenyl-phenylether	10.57	204	521707	47.81	ng		99
61) 4-Nitroaniline	10.60	138	227005	38.62	ng		86
62) Azobenzene	10.73	77	1285038	52.14	ng		100
64) 4,6-Dinitro-2-methylphenol	10.63	198	156214	45.02	ng		100
65) n-Nitrosodiphenylamine	10.70	169	1068981	58.06	ng		99
66) 4-Bromophenyl-phenylether	11.06	248	326512	53.23	ng		99
67) Hexachlorobenzene	11.13	284	356044	51.42	ng		95
68) Atrazine	11.22	200	316204	56.29	ng		97
69) Pentachlorophenol	11.33	266	433885	106.78	ng		98
70) Phenanthrene	11.54	178	1485834	51.13	ng		99
71) Anthracene	11.60	178	1606345	49.22	ng		99
72) Carbazole	11.75	167	1291420	45.47	ng		99
73) Di-n-butylphthalate	12.08	149	1794389	53.09	ng		100
74) Fluoranthene	12.73	202	1311896	41.14	ng		100
77) Pyrene	12.96	202	1277137	48.00	ng		98
79) Butylbenzylphthalate	13.58	149	599276	53.19	ng		90
80) Benzo(a)anthracene	14.15	228	1070761	47.32	ng		100
81) 3,3'-Dichlorobenzidine	14.11	252	29030	4.10	ng	#	96
82) Chrysene	14.19	228	980357m	47.44	ng		
83) Bis(2-ethylhexyl)phthalate	14.14	149	726939	55.88	ng	#	94
84) Di-n-octyl phthalate	14.75	149	1227305	63.56	ng		98
85) Indeno(1,2,3-cd)pyrene	17.13	276	1184670	67.80	ng		99
87) Benzo(b)fluoranthene	15.20	252	1315027	53.46	ng	#	96
88) Benzo(k)fluoranthene	15.24	252	829985m	38.95	ng		
89) Benzo(a)pyrene	15.58	252	1087243	52.55	ng		98
90) Dibenzo(a,h)anthracene	17.15	278	1008341	54.11	ng		98
91) Benzo(g,h,i)perylene	17.59	276	920370	48.58	ng		97

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

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