Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085275.D
Acq On : 9 Mar 2016 00:28
Operator : UM/SJ
Sample : H1684-09MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
48-BRIDGE-GRID-1MSD

Manual Integrations APPROVED
UMANGI
3/9/2016 3:26:49 PM

Quant Time: Mar 09 13:19:00 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	145947	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	607565	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	273053	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	517134	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	332614	20.00	ng		-0.02
86) Perylene-d12	15.59	264	223415	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1079172	124.03	ng		0.00
7) Phenol-d6	6.60	99	1452301	127.40	ng		-0.01
23) Nitrobenzene-d5	7.52	82	1087639	95.79	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	397613	170.18	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1711820	95.34	ng		-0.02
78) Terphenyl-d14	13.08	244	1580313	110.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	180546	40.58	ng	#	85
3) Pyridine	3.53	79	309519	27.79	ng		97
4) n-Nitrosodimethylamine	3.46	42	219677	46.09	ng		97
6) Aniline	6.63	93	172545	10.80	ng		95
8) 2-Chlorophenol	6.74	128	486865	46.48	ng		91
9) Benzaldehyde	6.50	77	56689	7.32	ng		97
10) Phenol	6.61	94	601879m	49.30	ng		
11) bis(2-Chloroethyl)ether	6.70	93	487847	48.11	ng		96
12) 1,3-Dichlorobenzene	6.90	146	515186m	45.81	ng		
13) 1,4-Dichlorobenzene	6.98	146	514994m	45.69	ng		
14) 1,2-Dichlorobenzene	7.13	146	490657	47.98	ng		99
15) Benzyl Alcohol	7.10	79	408754	48.85	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	635926	43.51	ng		99
17) 2-Methylphenol	7.21	107	428060	50.08	ng		98
18) Hexachloroethane	7.48	117	190264	45.76	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	345547	46.51	ng	#	90
20) 3+4-Methylphenols	7.36	107	492867	48.68	ng		96
22) Acetophenone	7.37	105	655554	44.21	ng	#	99
24) Nitrobenzene	7.54	77	533352	46.24	ng		99
25) Isophorone	7.78	82	991865	47.14	ng		98
26) 2-Nitrophenol	7.86	139	303557	54.08	ng	#	91
27) 2,4-Dimethylphenol	7.90	122	525466	51.23	ng		96
28) bis(2-Chloroethoxy)methane	7.99	93	608401	51.92	ng		100
29) 2,4-Dichlorophenol	8.10	162	458603	55.44	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	435322	48.67	ng		100
31) Naphthalene	8.28	128	2201524	73.69	ng		99
32) Benzoic acid	8.01	122	314659	46.18	ng		98
33) 4-Chloroaniline	8.32	127	32605	2.70	ng		94
34) Hexachlorobutadiene	8.39	225	235226	50.54	ng		99
35) Caprolactam	8.69	113	115006m	42.57	ng		
36) 4-Chloro-3-methylphenol	8.79	107	467340	49.80	ng		97
37) 2-Methylnaphthalene	8.96	142	1046021	54.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	393818	50.43	ng		98
40) Hexachlorocyclopentadiene	9.12	237	454558	107.93	ng		97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	297063	51.10	ng		97
43) 2,4,5-Trichlorophenol	9.28	196	290866	52.77	ng		99
45) 1,1'-Biphenyl	9.43	154	1184552	50.78	ng		94
46) 2-Chloronaphthalene	9.45	162	908018	51.06	ng		95
47) 2-Nitroaniline	9.54	65	279993	50.81	ng	#	85
48) Acenaphthylene	9.86	152	1307905	47.26	ng		99
49) Dimethylphthalate	9.73	163	1013301	48.35	ng		99
50) 2,6-Dinitrotoluene	9.78	165	210416	46.93	ng	#	86
51) Acenaphthene	10.04	154	949827	56.52	ng		99
52) 3-Nitroaniline	9.96	138	36895	6.88	ng		92
53) 2,4-Dinitrophenol	10.06	184	238264	102.24	ng	#	55
54) Dibenzofuran	10.21	168	1171150	53.20	ng		98
55) 4-Nitrophenol	10.12	139	392232	93.04	ng		89
56) 2,4-Dinitrotoluene	10.20	165	326351	56.88	ng	#	68
57) Fluorene	10.55	166	887422	51.32	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	222640	57.50	ng		96
59) Diethylphthalate	10.42	149	994889	48.92	ng		96
60) 4-Chlorophenyl-phenylether	10.54	204	426948	50.74	ng		90
61) 4-Nitroaniline	10.57	138	205154	40.89	ng		84
62) Azobenzene	10.70	77	1089563	54.38	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	163961	52.95	ng	#	72
65) n-Nitrosodiphenylamine	10.66	169	800797	49.79	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	261386	52.05	ng	#	89
67) Hexachlorobenzene	11.10	284	271487	50.68	ng	#	83
68) Atrazine	11.19	200	165321	36.96	ng		91
69) Pentachlorophenol	11.29	266	344754	115.94	ng		99
70) Phenanthrene	11.51	178	1405643	51.87	ng		99
71) Anthracene	11.57	178	1452399	50.48	ng		99
72) Carbazole	11.72	167	1011885	40.11	ng		99
73) Di-n-butylphthalate	12.05	149	1502216	47.11	ng		99
74) Fluoranthene	12.70	202	1207141	44.38	ng		97
76) Benzidine	12.83	184	61828	6.25	ng		98
77) Pyrene	12.93	202	1216720	48.60	ng		99
79) Butylbenzylphthalate	13.55	149	621746	54.73	ng	#	80
80) Benzo(a)anthracene	14.12	228	981330	49.28	ng		98
81) 3,3'-Dichlorobenzidine	14.07	252	39169	6.24	ng		98
82) Chrysene	14.15	228	906226	49.27	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	793326	53.07	ng	#	96
84) Di-n-octyl phthalate	14.71	149	1220023	53.59	ng		98
85) Indeno(1,2,3-cd)pyrene	17.05	276	851766	59.34	ng		98
87) Benzo(b)fluoranthene	15.16	252	940213	63.14	ng		99
88) Benzo(k)fluoranthene	15.19	252	596660m	49.67	ng		
89) Benzo(a)pyrene	15.52	252	717711	58.16	ng	#	93
90) Dibenzo(a,h)anthracene	17.08	278	727578	69.07	ng		96
91) Benzo(g,h,i)perylene	17.50	276	705016	66.56	ng		99

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

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