Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084911.D
Acq On : 6 Feb 2016 14:58
Operator : SJ/IZ
Sample : H1325-01MS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B016(17-19)MS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:04:33 PM

Quant Time: Feb 08 02:41:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	167348	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	690070	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	303959	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	498284	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	282733	20.00	ng		-0.03
86) Perylene-d12	15.17	264	318507	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1363876	126.94	ng		0.00
7) Phenol-d6	6.33	99	1568380	117.75	ng		-0.01
23) Nitrobenzene-d5	7.24	82	1205756	98.43	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	405640	127.94	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1978259	138.61	ng		-0.02
78) Terphenyl-d14	12.76	244	1339536	107.36	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	189164	40.20	ng	#	78
3) Pyridine	2.97	79	313116	25.54	ng	#	75
4) n-Nitrosodimethylamine	2.90	42	289637	45.67	ng	#	83
6) Aniline	6.34	93	100447	6.16	ng	#	1
8) 2-Chlorophenol	6.45	128	569615	46.84	ng		96
9) Benzaldehyde	6.21	77	31554	4.01	ng		81
10) Phenol	6.34	94	669854	44.89	ng		90
11) bis(2-Chloroethyl)ether	6.41	93	535131	45.99	ng		84
12) 1,3-Dichlorobenzene	6.60	146	547868m	42.64	ng		
13) 1,4-Dichlorobenzene	6.68	146	566866	44.13	ng		94
14) 1,2-Dichlorobenzene	6.83	146	463269	38.72	ng		95
15) Benzyl Alcohol	6.82	79	394248	42.87	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	836561	42.74	ng		97
17) 2-Methylphenol	6.94	107	444862	46.25	ng	#	92
18) Hexachloroethane	7.17	117	215294	43.52	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	370477	44.37	ng	#	75
20) 3+4-Methylphenols	7.10	107	551889	46.23	ng		91
22) Acetophenone	7.08	105	785470	43.19	ng	#	98
24) Nitrobenzene	7.25	77	524789	40.01	ng		96
25) Isophorone	7.50	82	1058992	44.46	ng	#	93
26) 2-Nitrophenol	7.57	139	308179	47.63	ng	#	90
27) 2,4-Dimethylphenol	7.63	122	493214	43.83	ng		88
28) bis(2-Chloroethoxy)methane	7.71	93	618242	43.75	ng		98
29) 2,4-Dichlorophenol	7.82	162	448378	46.57	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	466329	42.88	ng		97
31) Naphthalene	7.97	128	1631286	47.13	ng		99
32) Benzoic acid	7.78	122	333212	46.29	ng		96
33) 4-Chloroaniline	8.03	127	64614	4.51	ng		94
34) Hexachlorobutadiene	8.09	225	265277	42.30	ng		96
35) Caprolactam	8.42	113	124543m	41.97	ng		
36) 4-Chloro-3-methylphenol	8.53	107	506462	46.11	ng		98
37) 2-Methylnaphthalene	8.66	142	1003508	46.32	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	449762	46.59	ng		98
40) Hexachlorocyclopentadiene	8.82	237	312679	75.21	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	290978	46.79	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	310487	49.13	ng		96
45) 1,1'-Biphenyl	9.13	154	1160735	42.75	ng		99
46) 2-Chloronaphthalene	9.15	162	912020	45.62	ng		94
47) 2-Nitroaniline	9.25	65	274369	43.34	ng		94
48) Acenaphthylene	9.56	152	1283452	42.30	ng		98
49) Dimethylphthalate	9.45	163	1141464	49.31	ng	#	91
50) 2,6-Dinitrotoluene	9.50	165	262316	51.87	ng		96
51) Acenaphthene	9.73	154	858810	43.51	ng		97
52) 3-Nitroaniline	9.66	138	56733	9.98	ng	#	87
53) 2,4-Dinitrophenol	9.78	184	212291	90.15	ng	#	89
54) Dibenzofuran	9.90	168	1104545	45.78	ng		92
55) 4-Nitrophenol	9.85	139	236537	56.63	ng	#	76
56) 2,4-Dinitrotoluene	9.90	165	305558	47.37	ng	#	83
57) Fluorene	10.25	166	910678	45.20	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	248280	51.61	ng		93
59) Diethylphthalate	10.13	149	1034403	45.76	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	456008	55.59	ng		87
61) 4-Nitroaniline	10.28	138	193818	35.00	ng		83
62) Azobenzene	10.41	77	1092364	50.25	ng		93
64) 4,6-Dinitro-2-methylphenol	10.32	198	145682	47.37	ng		71
65) n-Nitrosodiphenylamine	10.36	169	667063	42.16	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	270937	49.23	ng	#	76
67) Hexachlorobenzene	10.80	284	323380	53.93	ng	#	92
68) Atrazine	10.90	200	190905	38.21	ng		97
69) Pentachlorophenol	10.99	266	270133	95.85	ng		98
70) Phenanthrene	11.21	178	1408303	50.96	ng		99
71) Anthracene	11.25	178	1287677	46.24	ng		99
72) Carbazole	11.41	167	970656	39.97	ng		99
73) Di-n-butylphthalate	11.76	149	1584276	51.25	ng	#	98
74) Fluoranthene	12.38	202	1193709	42.68	ng		97
76) Benzidine	12.51	184	35450	9.27	ng		96
77) Pyrene	12.61	202	1239566	57.26	ng		100
79) Butylbenzylphthalate	13.24	149	536040	54.59	ng		96
80) Benzo(a)anthracene	13.79	228	919546	52.40	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	52430	8.44	ng	#	100
82) Chrysene	13.84	228	893030	52.48	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	683250	55.91	ng		99
84) Di-n-octyl phthalate	14.42	149	1177635	58.41	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	863930	64.50	ng		100
87) Benzo(b)fluoranthene	14.80	252	1101962m	51.49	ng		
88) Benzo(k)fluoranthene	14.83	252	693184m	39.18	ng		
89) Benzo(a)pyrene	15.13	252	875728	48.03	ng	#	98
90) Dibenzo(a,h)anthracene	16.47	278	734132	47.83	ng		97
91) Benzo(g,h,i)perylene	16.83	276	708017	45.79	ng		98

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

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